

FIG. 1

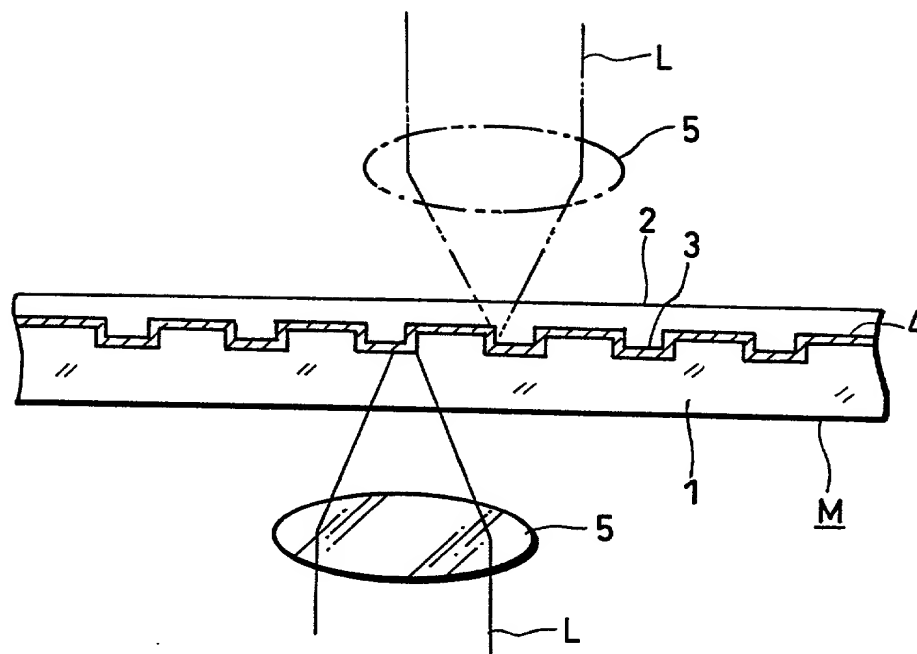


FIG. 2

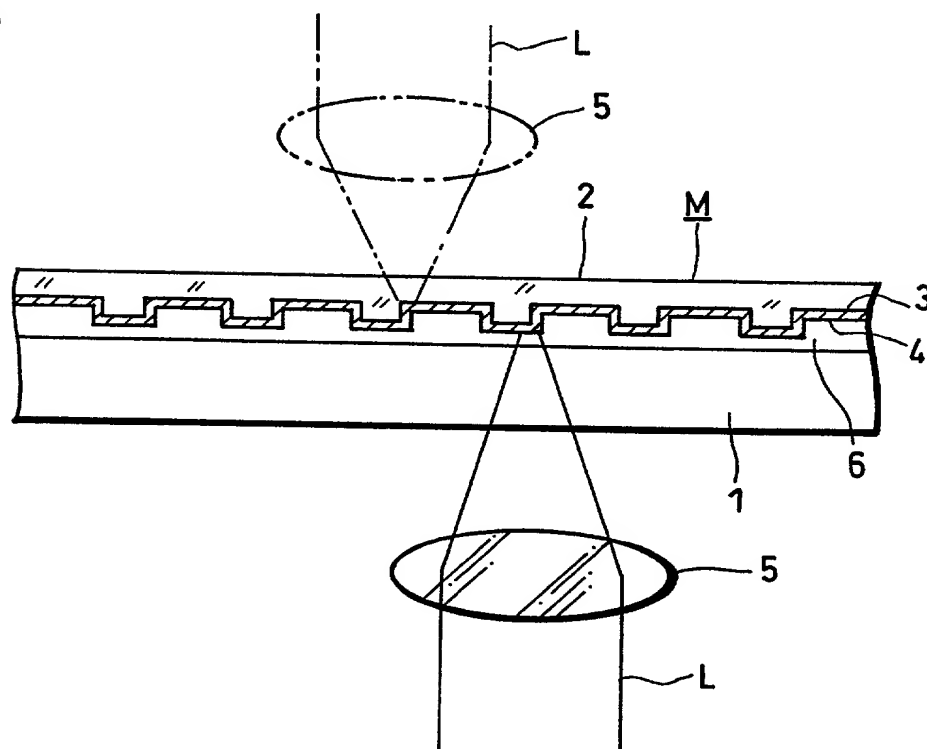


FIG. 3A

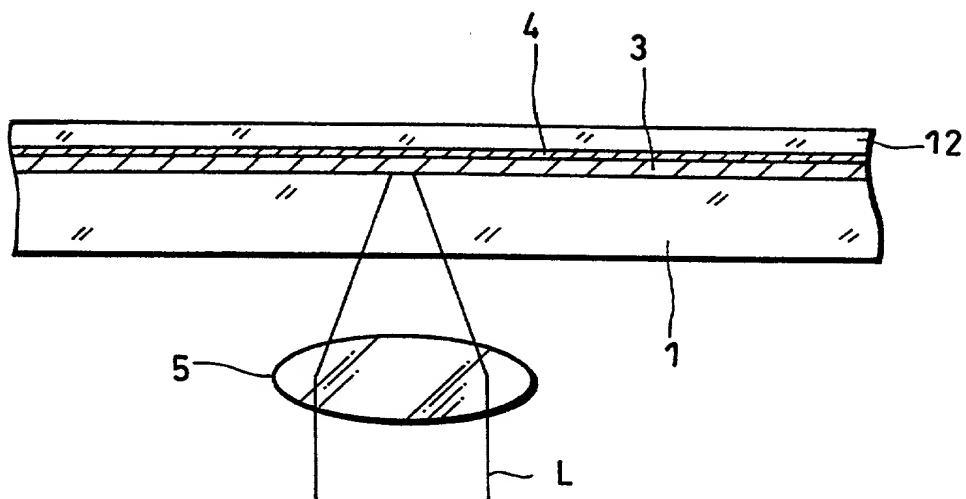


FIG. 3B

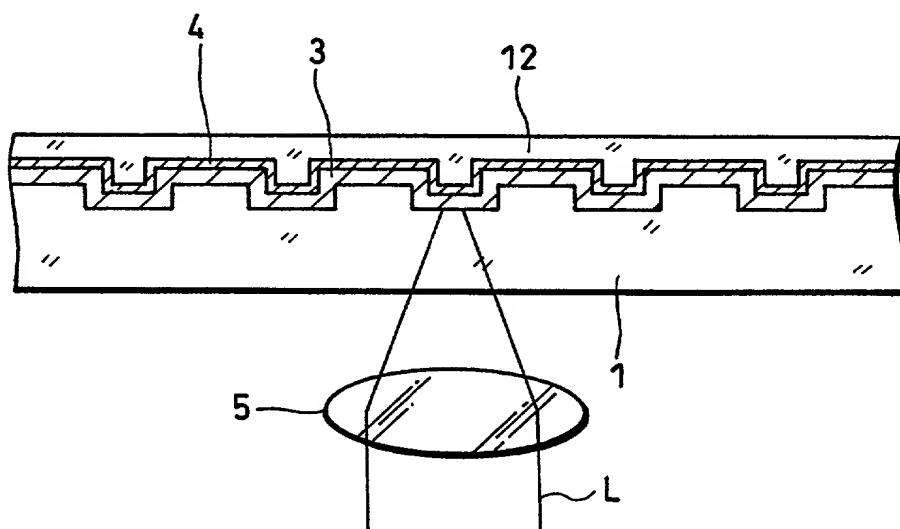


FIG. 4A

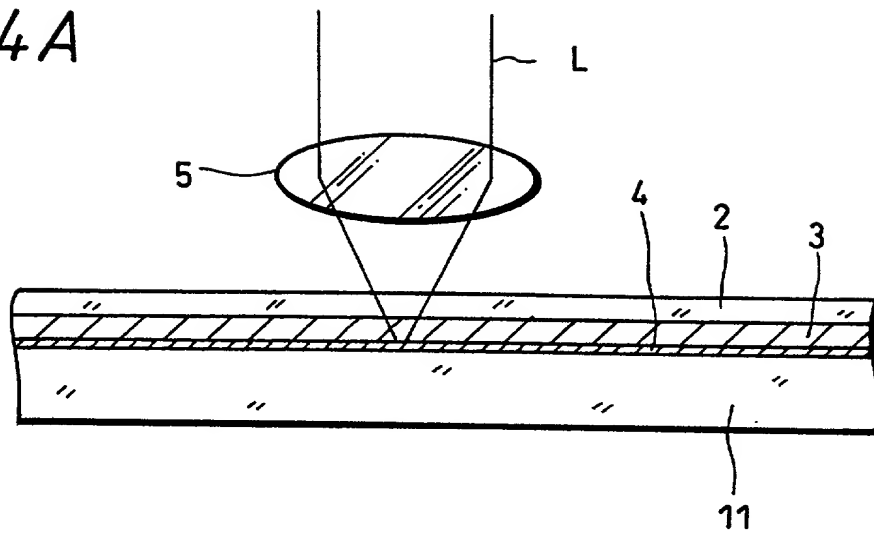


FIG. 4B

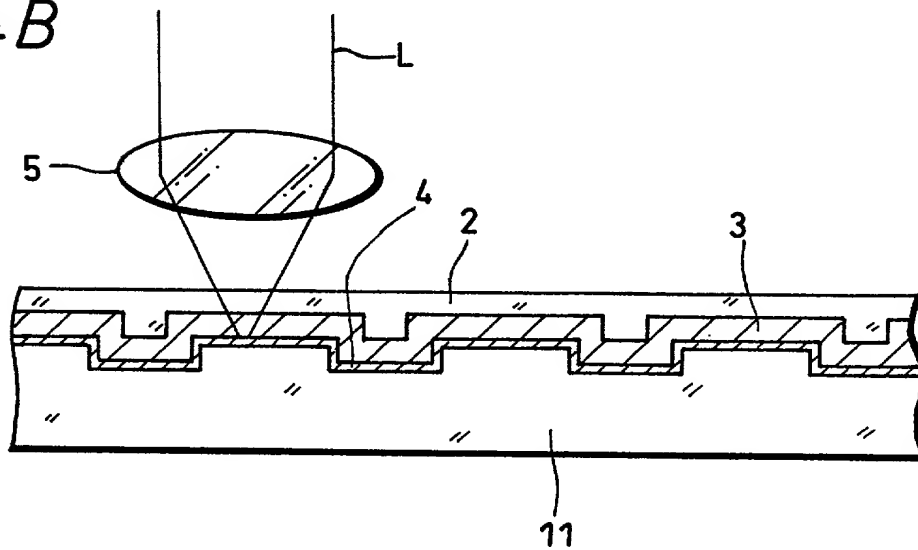


FIG. 5A

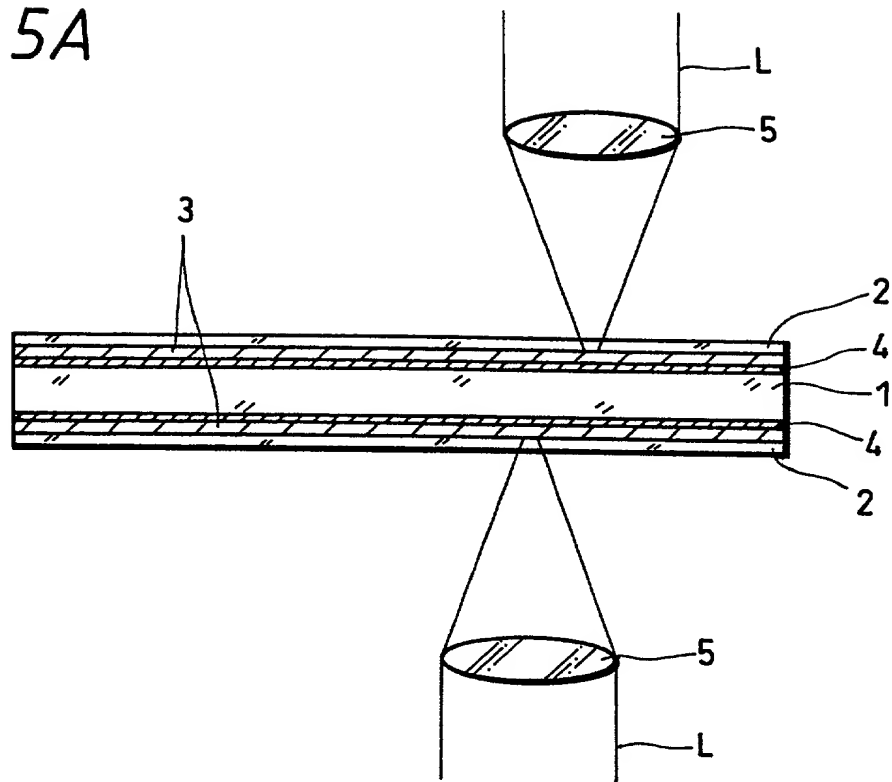


FIG. 5B

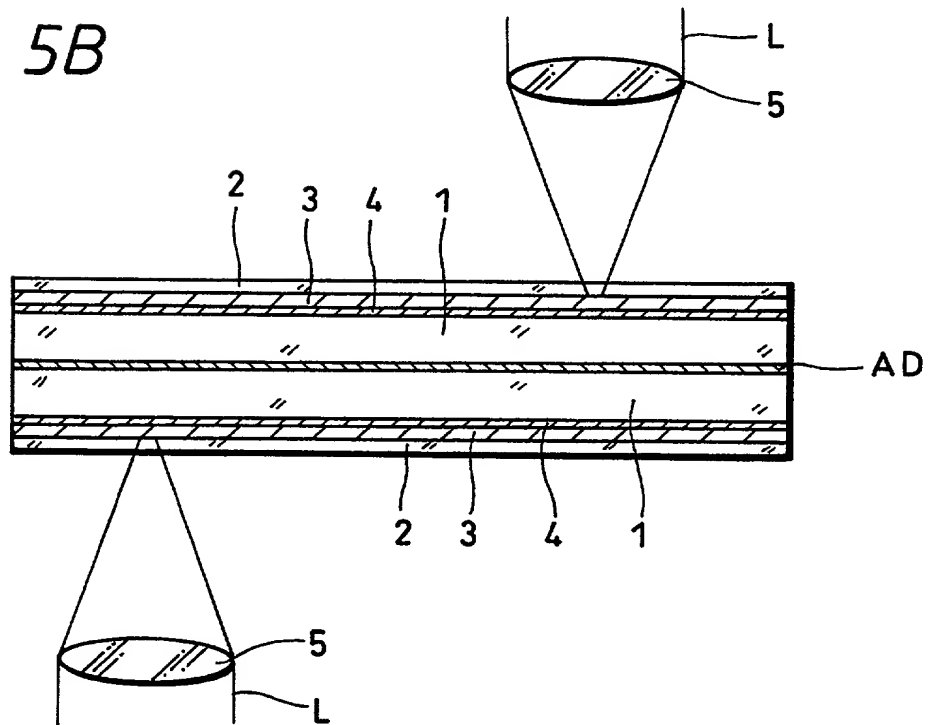


FIG. 6

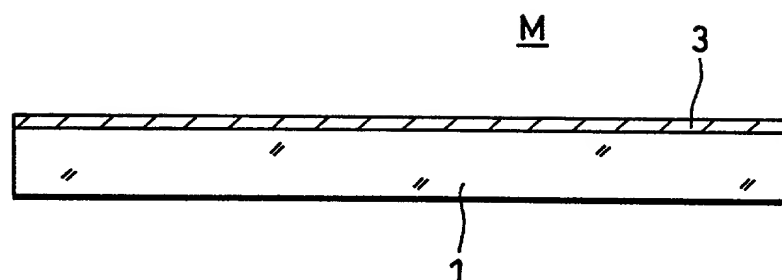


FIG. 7

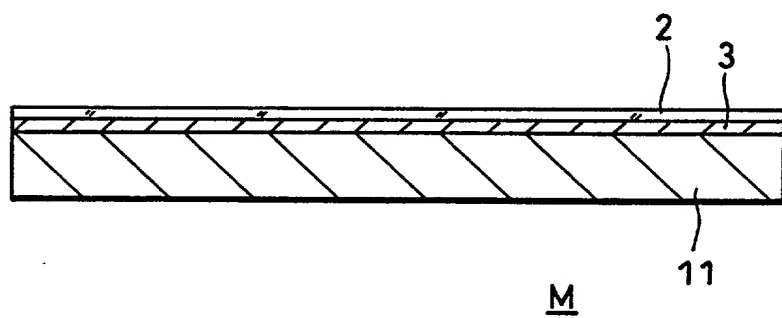


FIG. 8

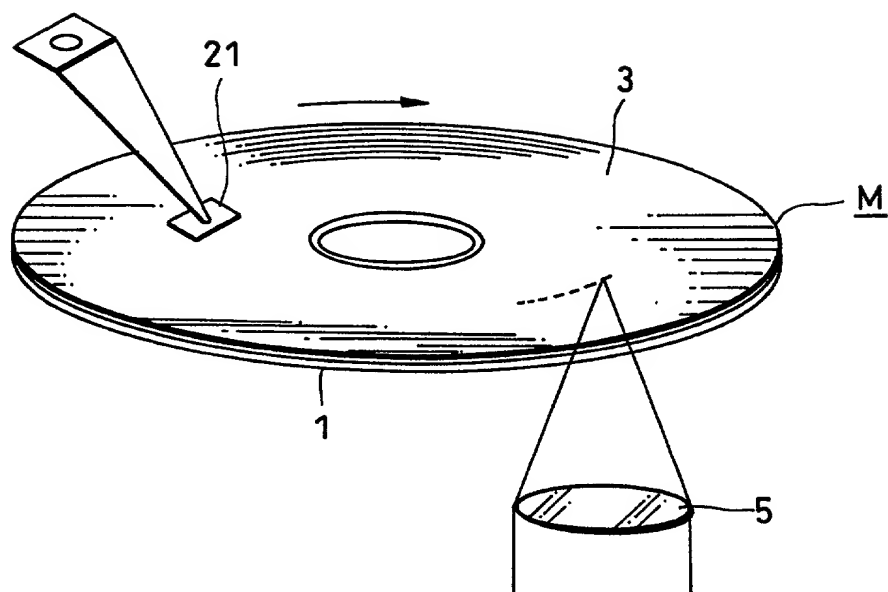


FIG. 9

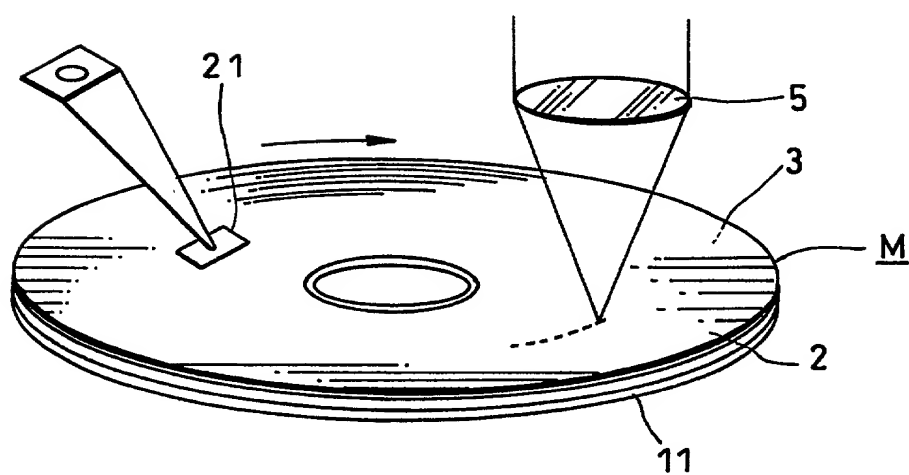


FIG. 10

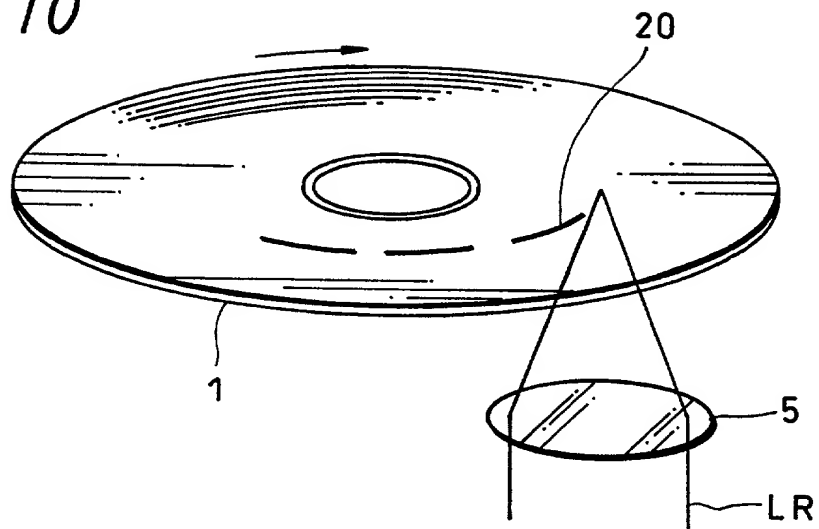
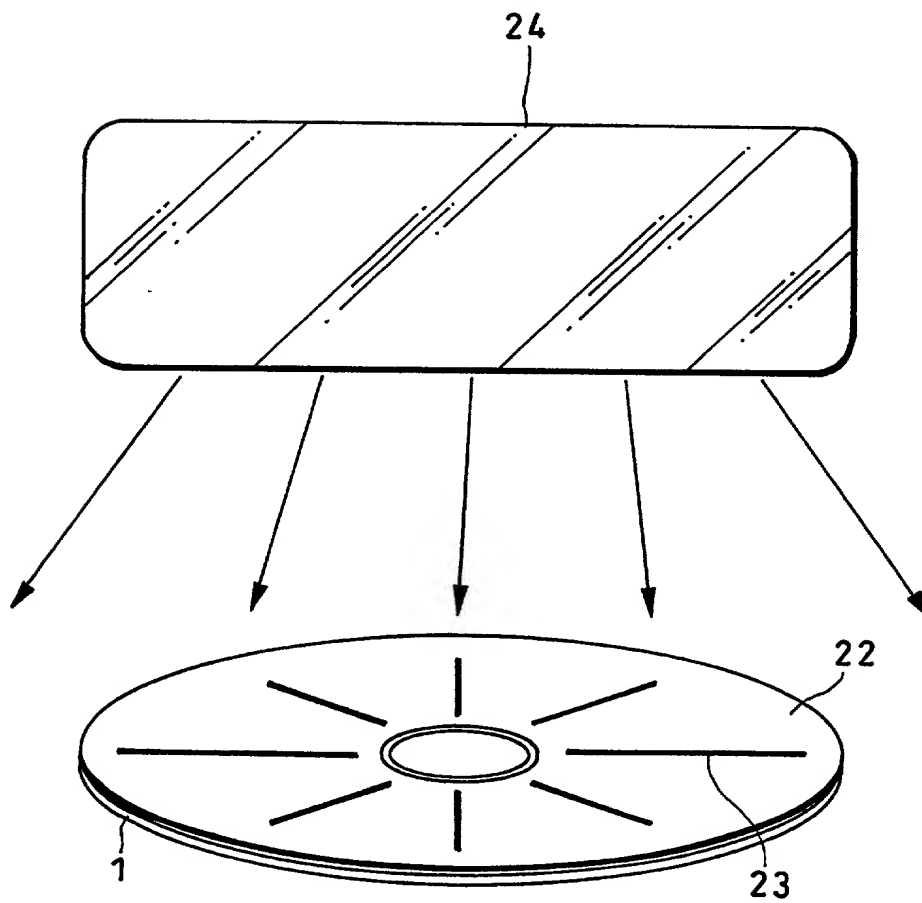
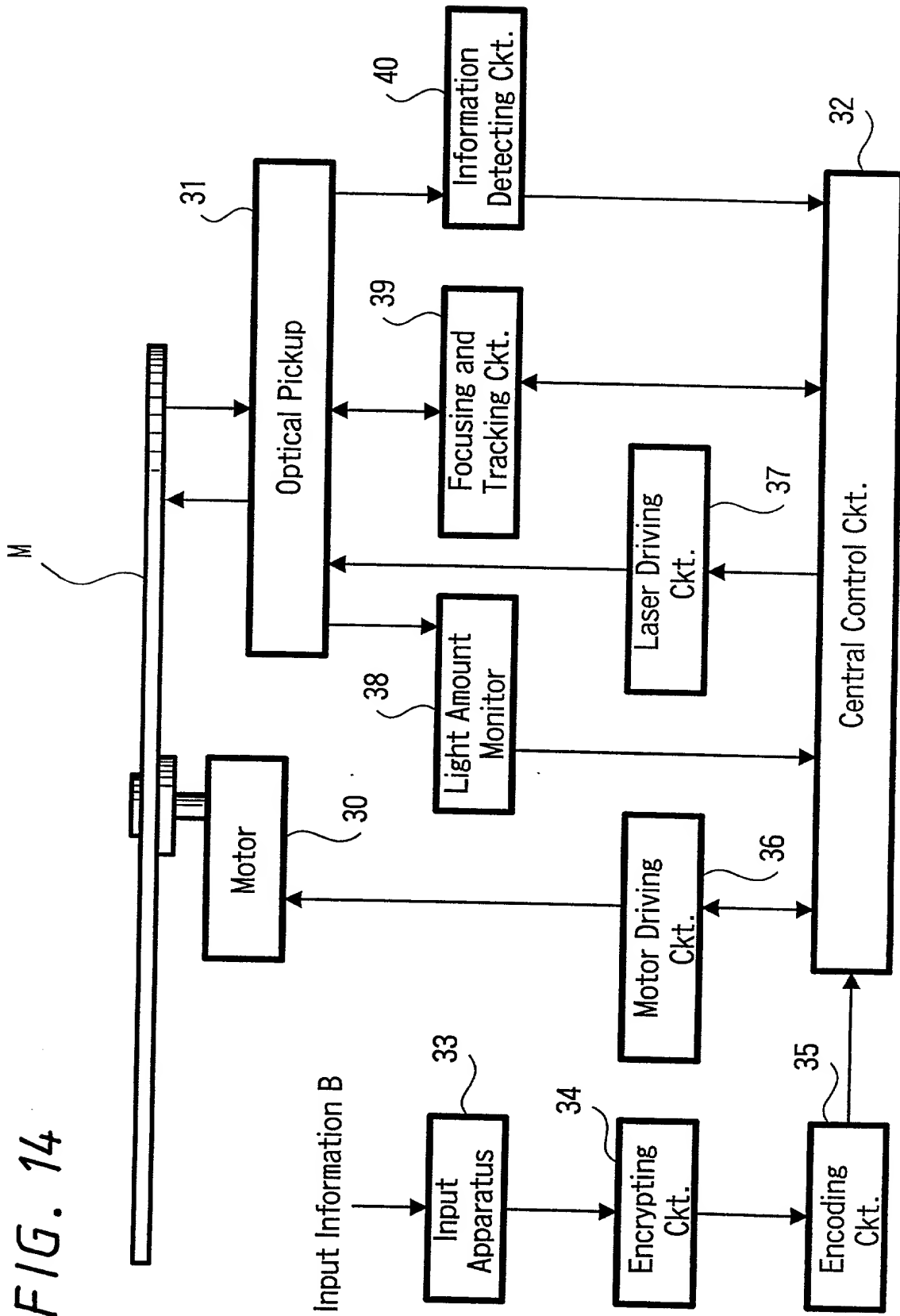
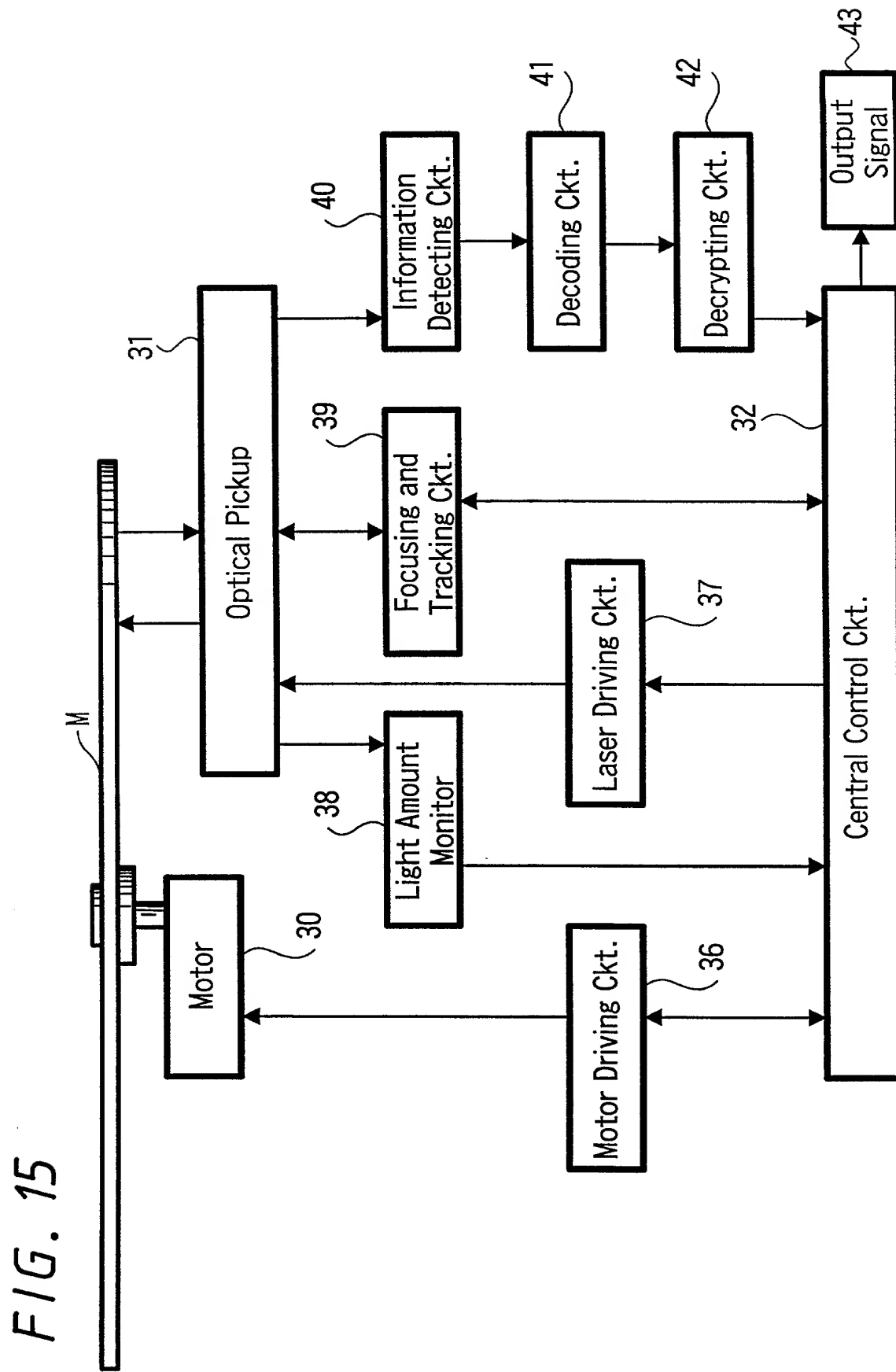


FIG. 11







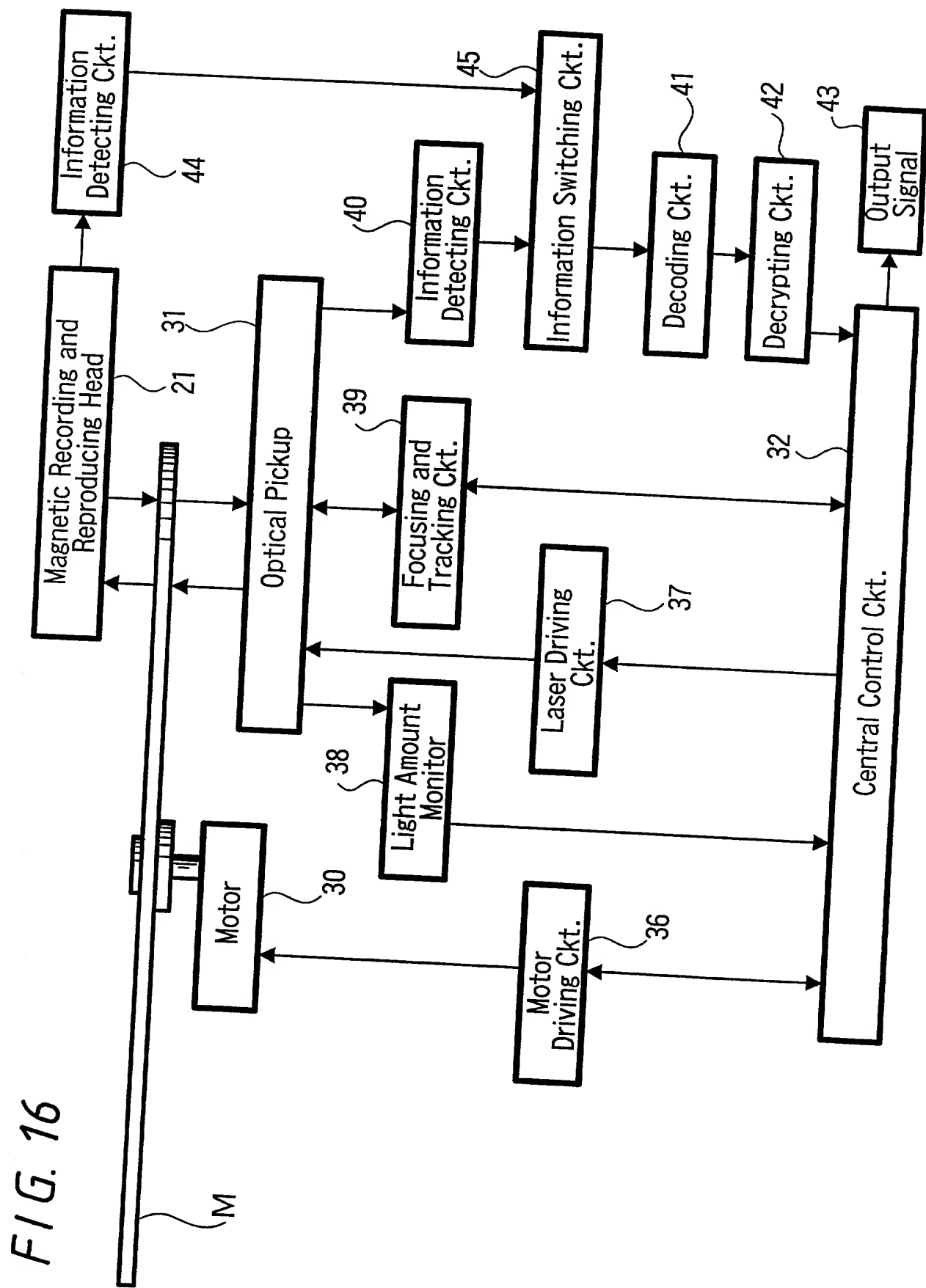


FIG. 17A

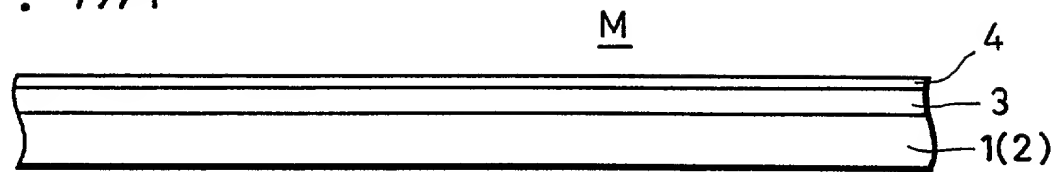


FIG. 17B

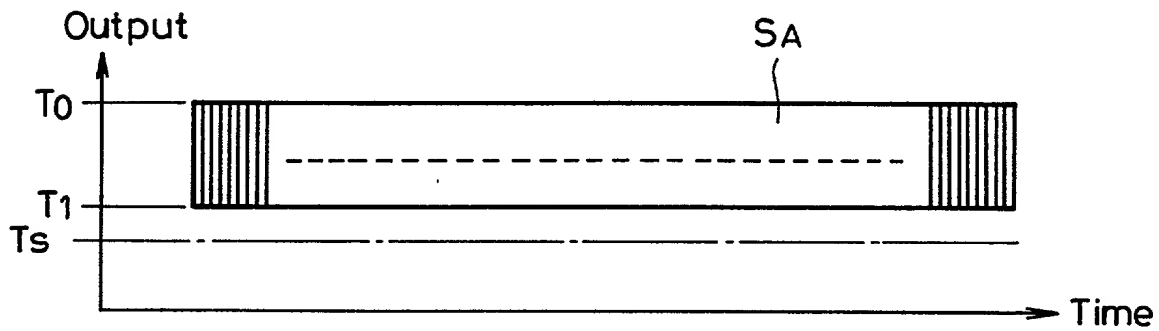


FIG. 17C

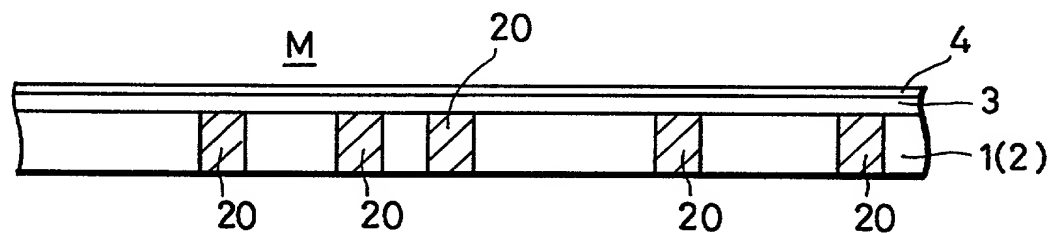


FIG. 17D

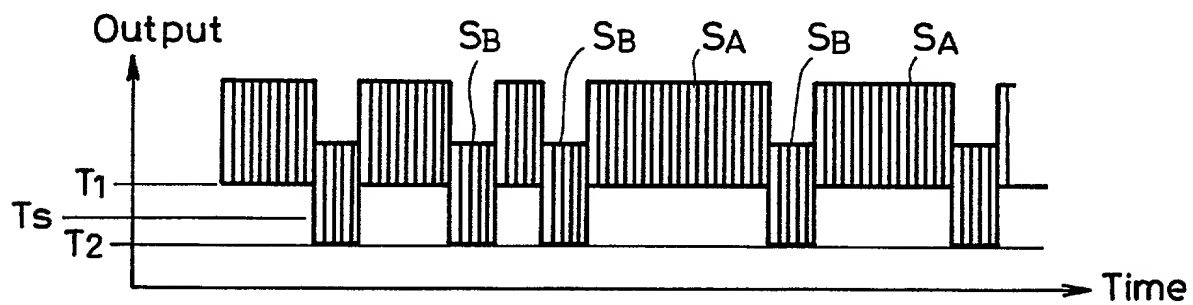


FIG. 17E

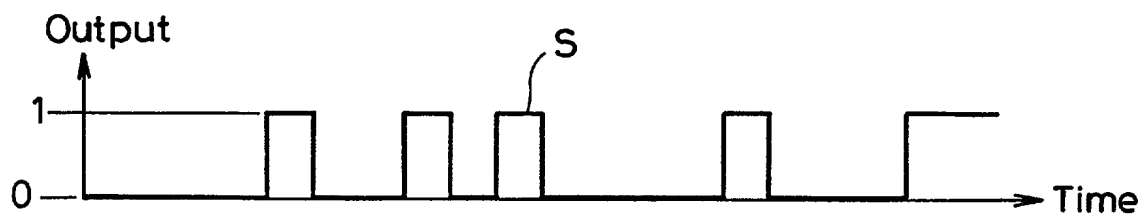


FIG. 18

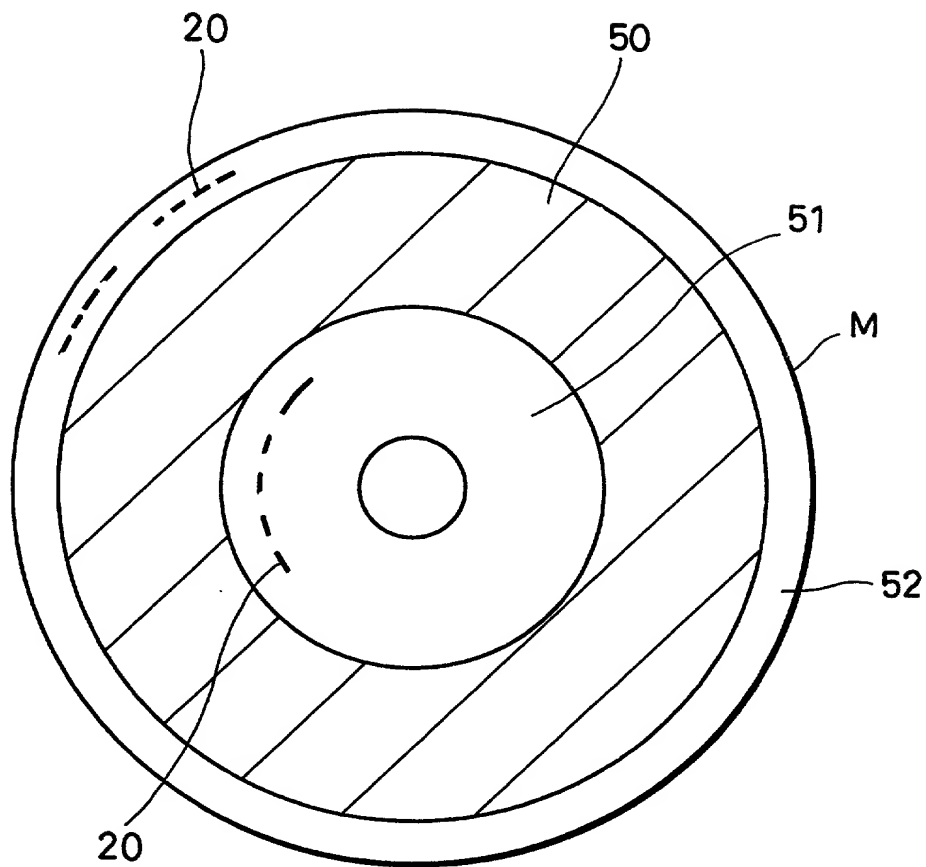


FIG. 19

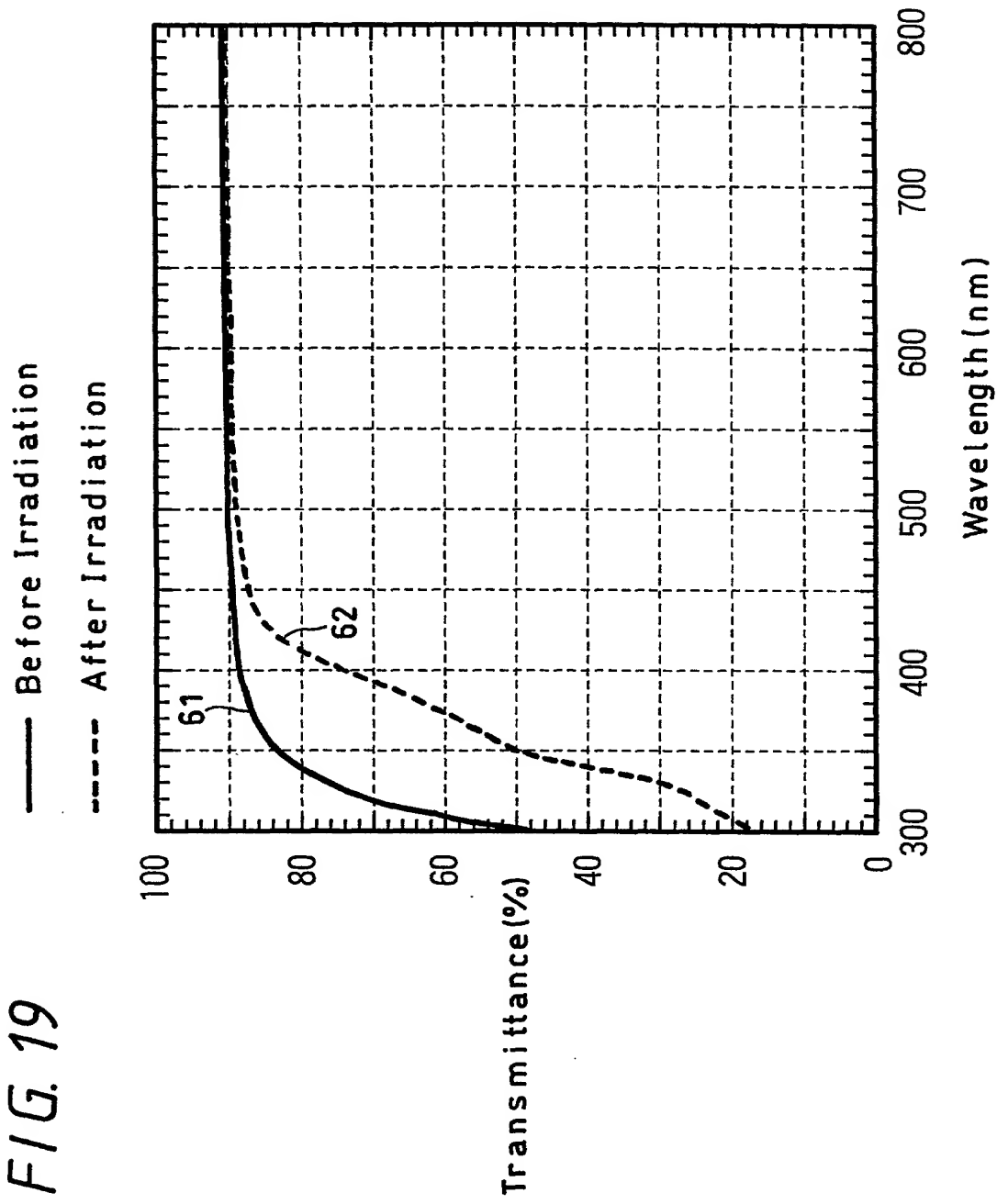


FIG. 20

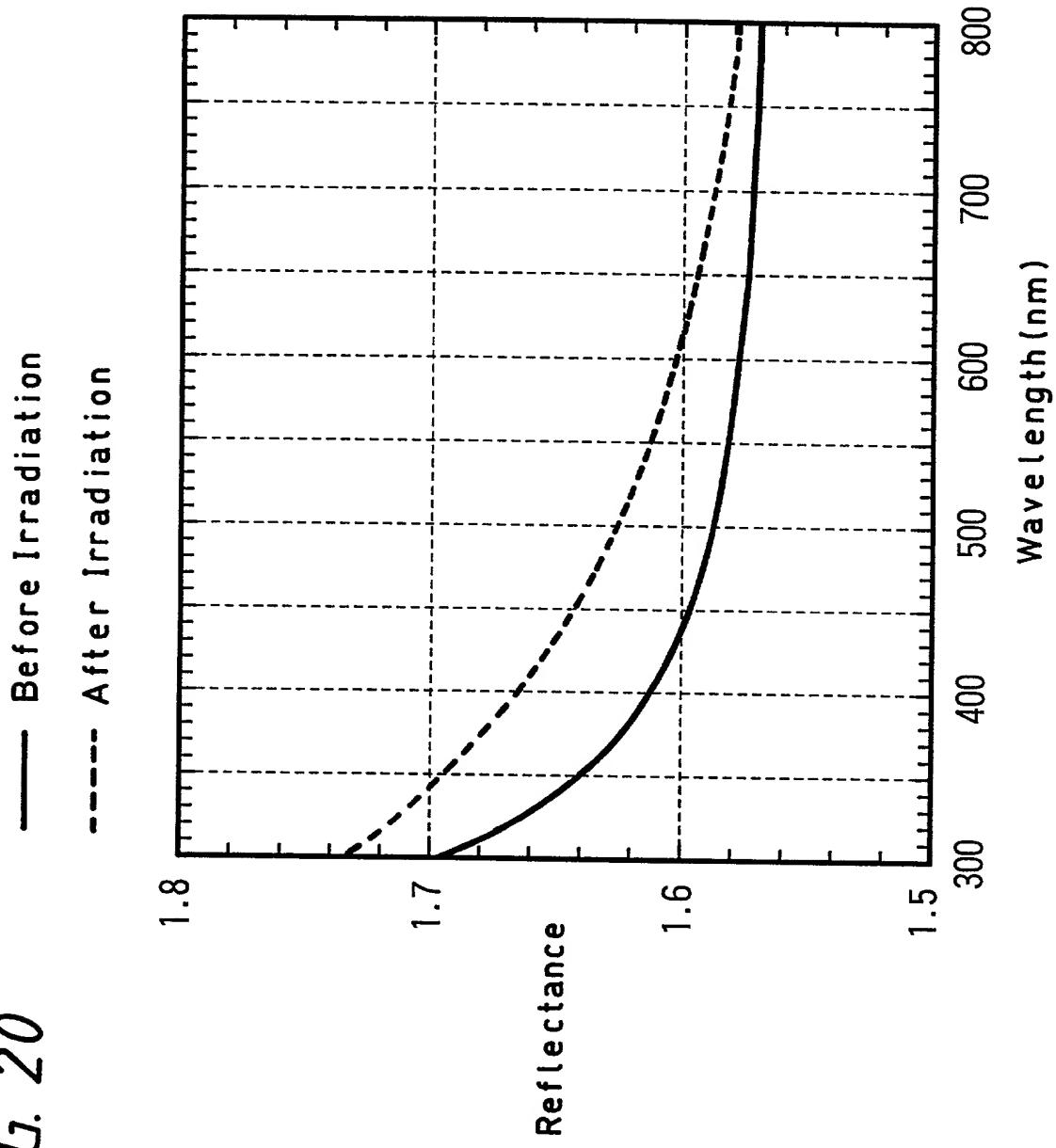


FIG. 21

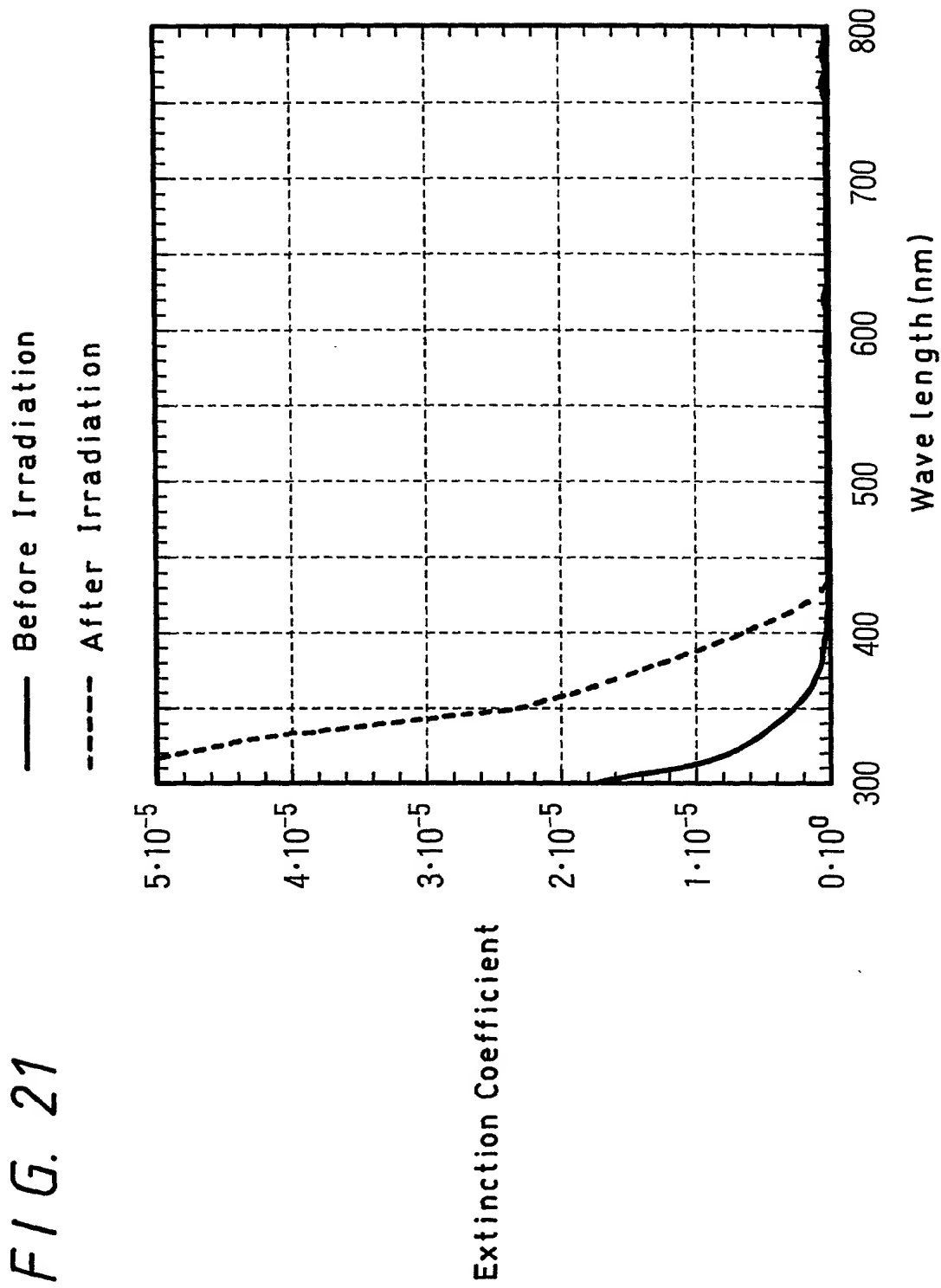


FIG. 22A

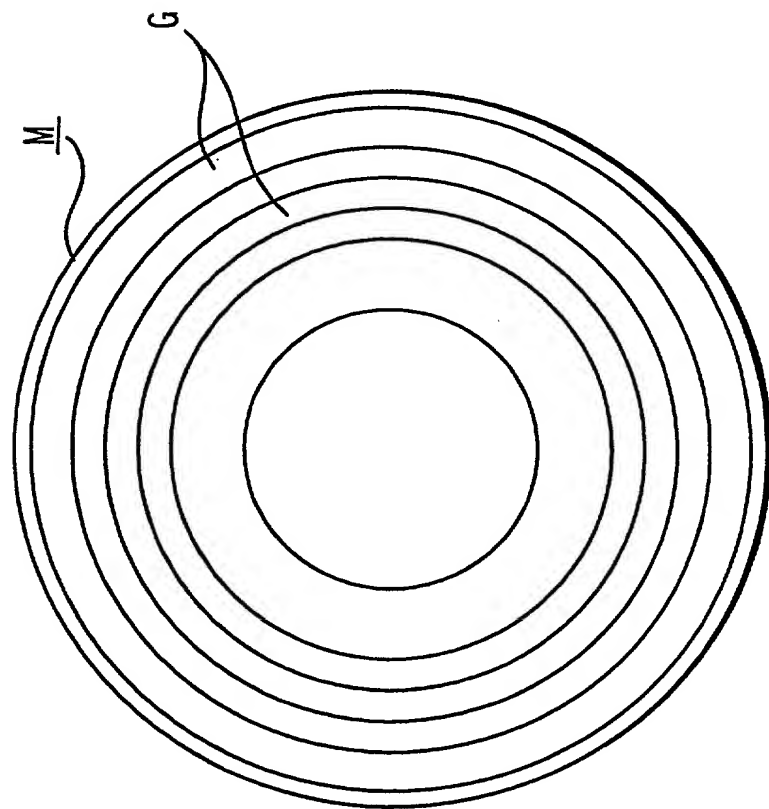


FIG. 22B

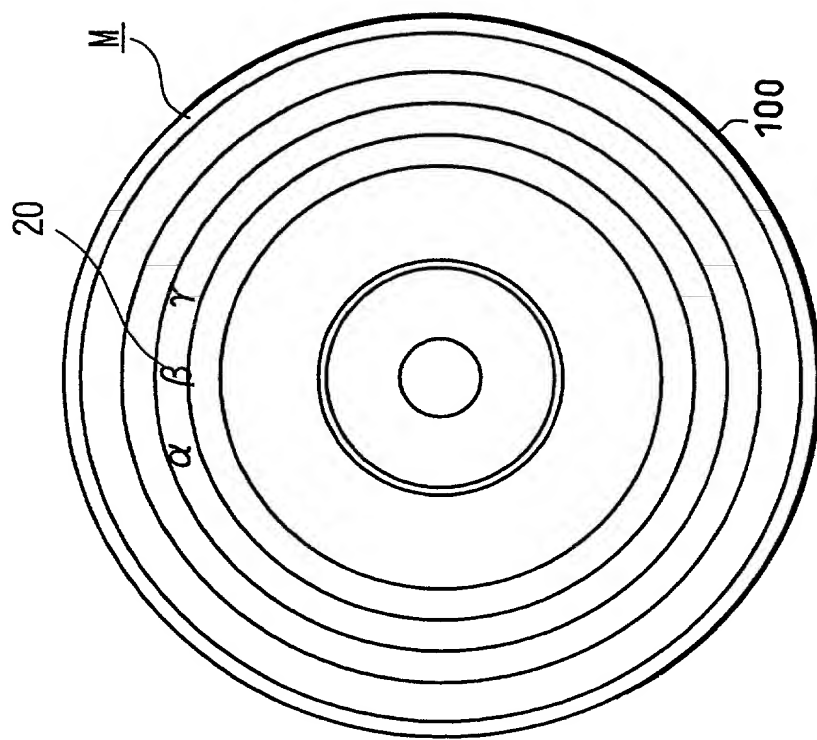


FIG. 23

Reproducing Optical System
Laser Wavelength : 405 nm
NA of Objective Lens : 0.6

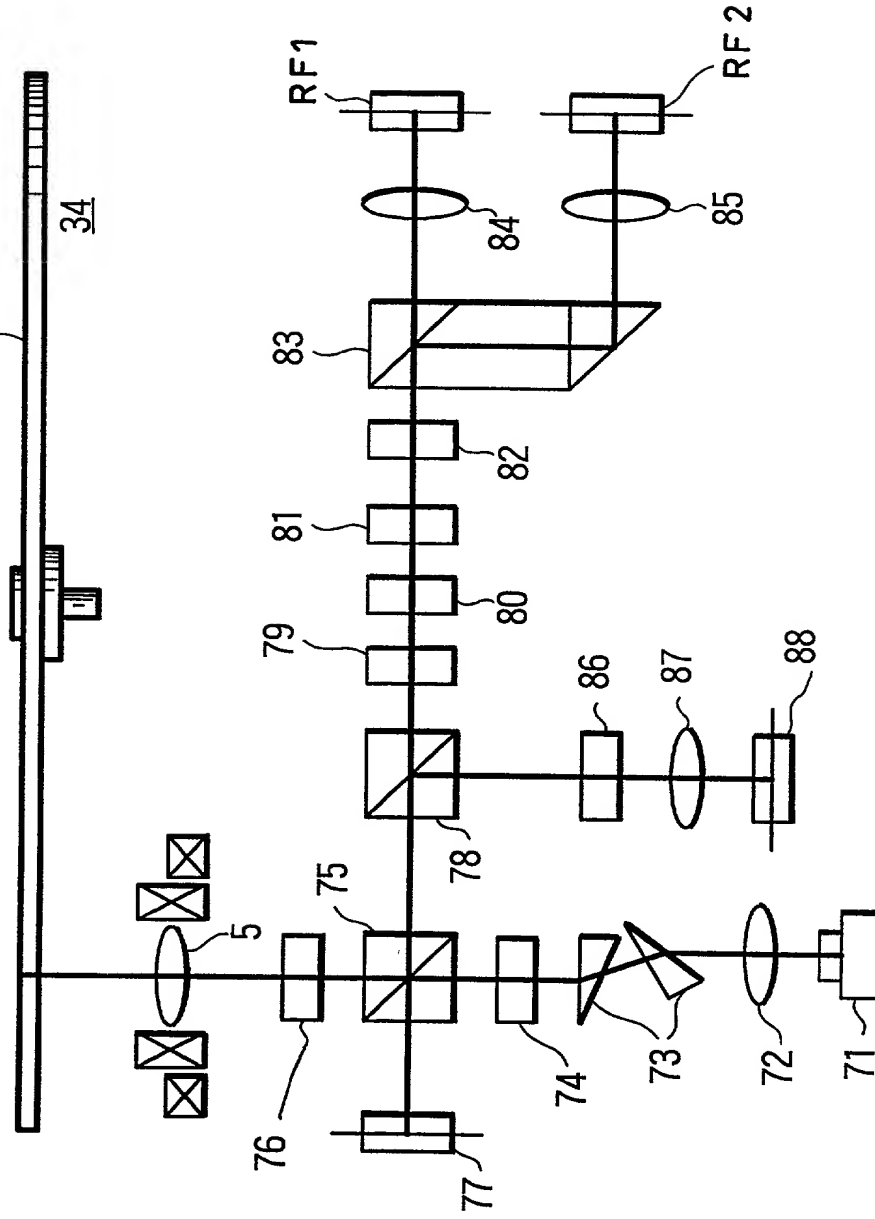
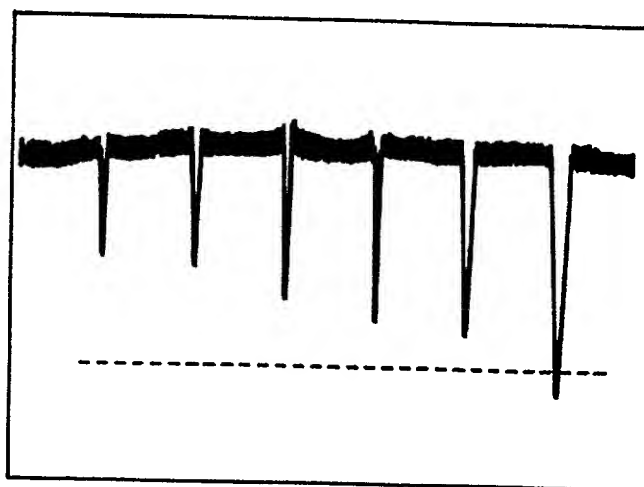
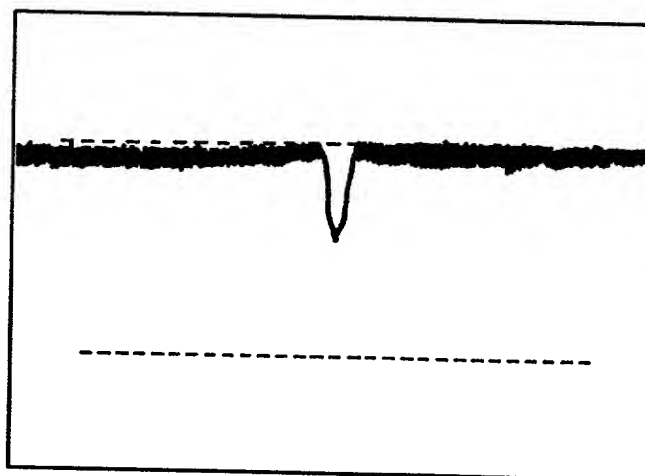


FIG. 24



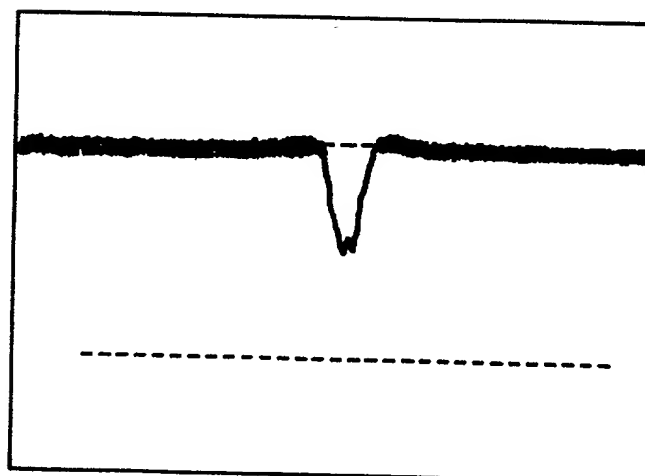
Recording Mark Trains

FIG. 25



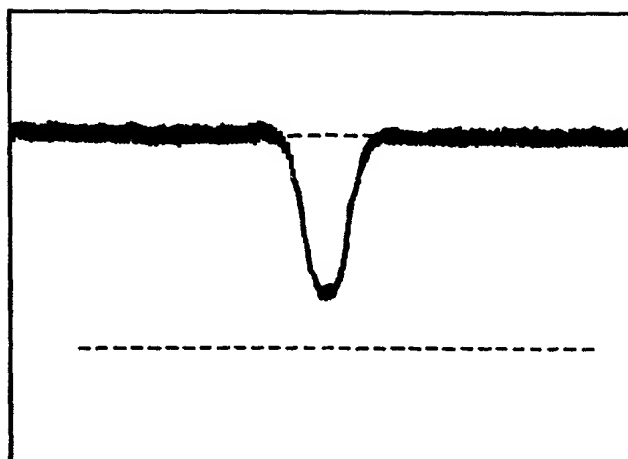
0.3mm Long Mark

FIG. 26



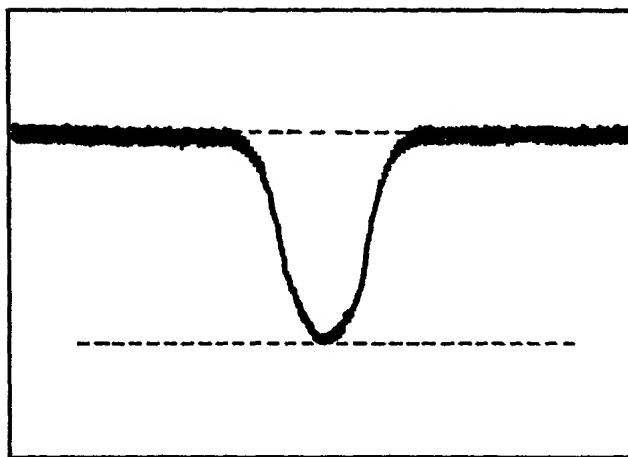
0.5mm Long Mark

FIG. 27



1.0 mm Long Mark

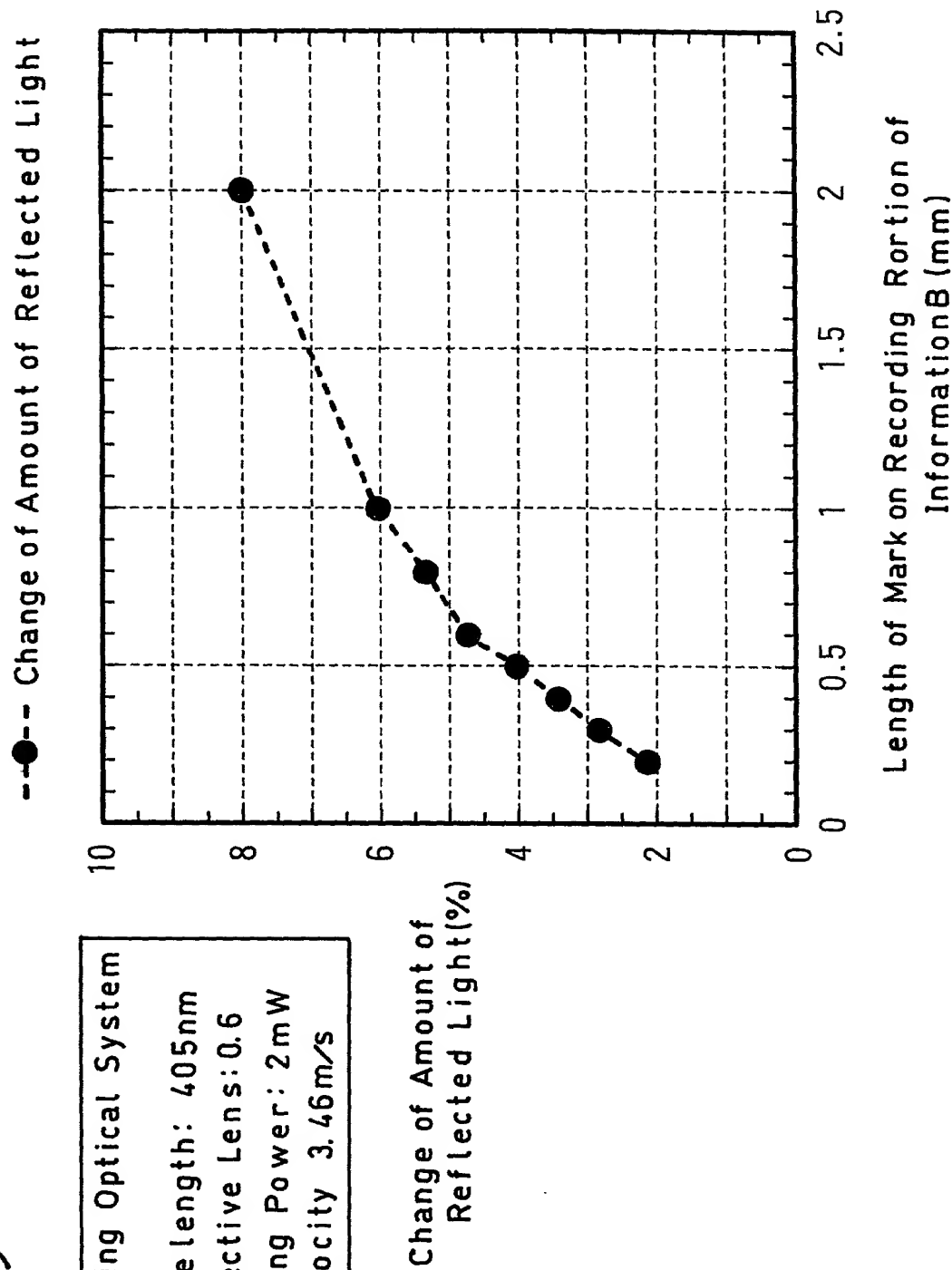
FIG. 28



2.0 mm Long Mark

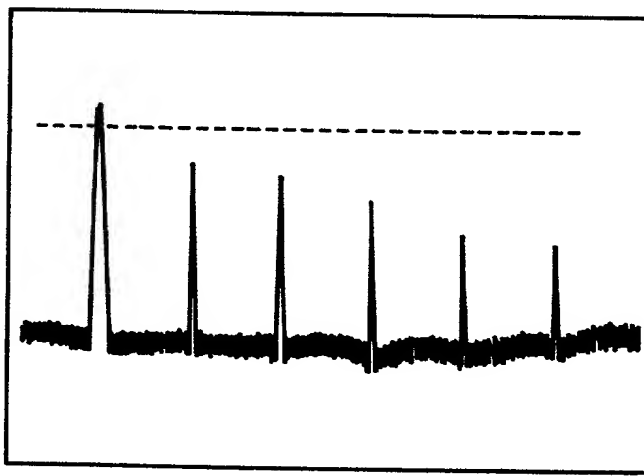
FIG. 29

Reproducing Optical System
Laser Wavelength: 405nm
NA of Objective Lens: 0.6
Reproducing Power: 2mW
Linear Velocity 3.46m/s



Reproducing Optical System
Laser Wavelength: 405nm
NA of Objective Lens: 0.6
Reproducing Power: 2mW
Linear Velocity: 3.46 m/s

FIG. 30A



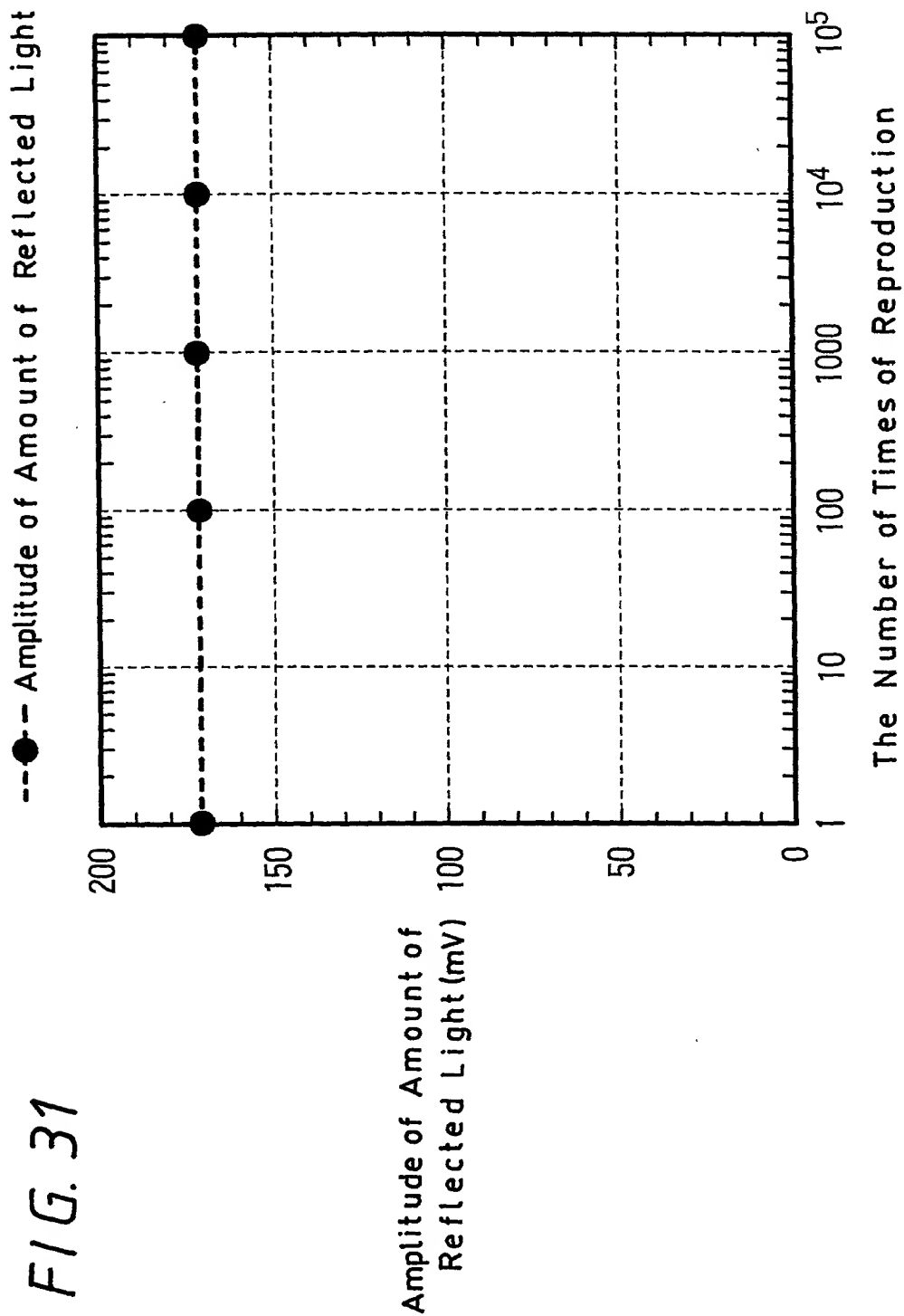
The Number of Times of Reproduction: One Time

FIG. 30B



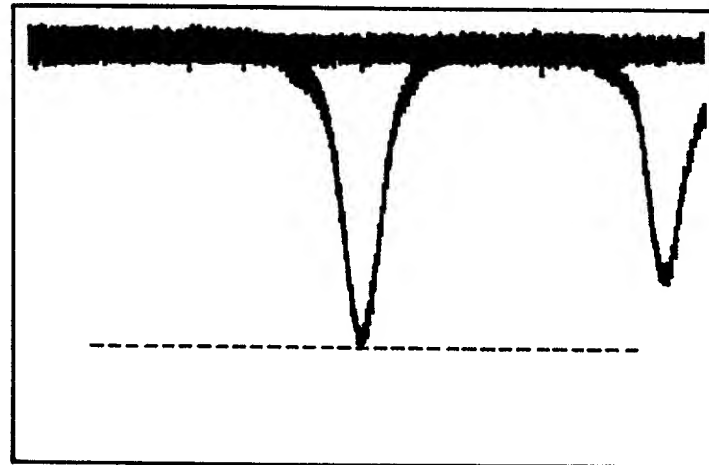
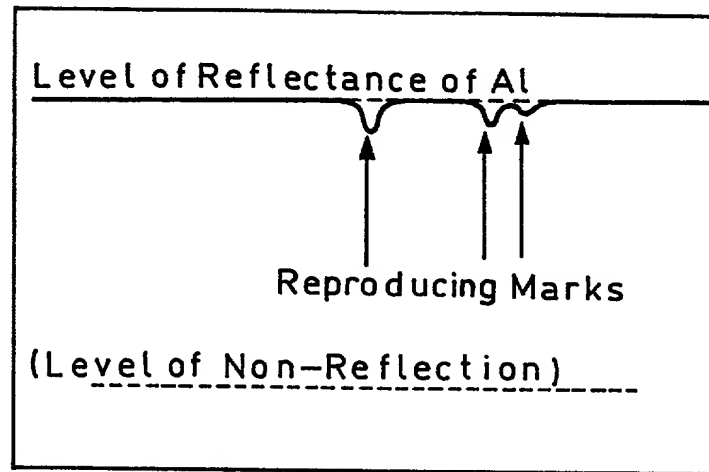
The Number of Times of Reproduction: 100000 Times

FIG. 31

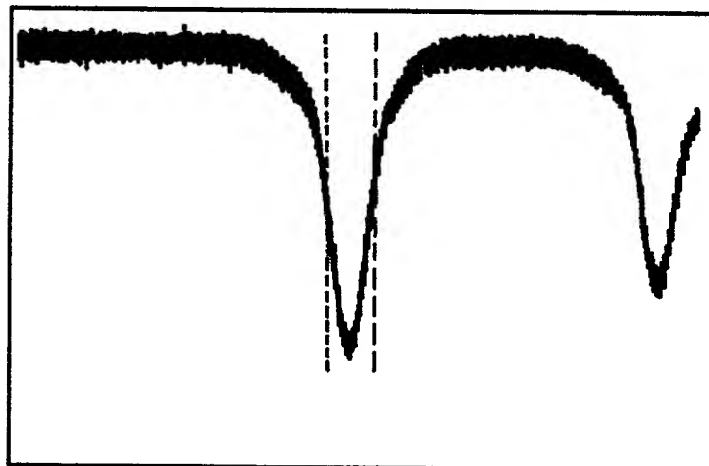


[illegible]

FIG. 32A



Ratio of Change of Amount of Reflected Light: 10.7 %



Recording Mark Length : 0.49mm

FIG. 33

— Before Irradiation
- - - Irradiated 5 Minutes
- - - Irradiated 10 Minutes
..... Irradiated 20 Minutes

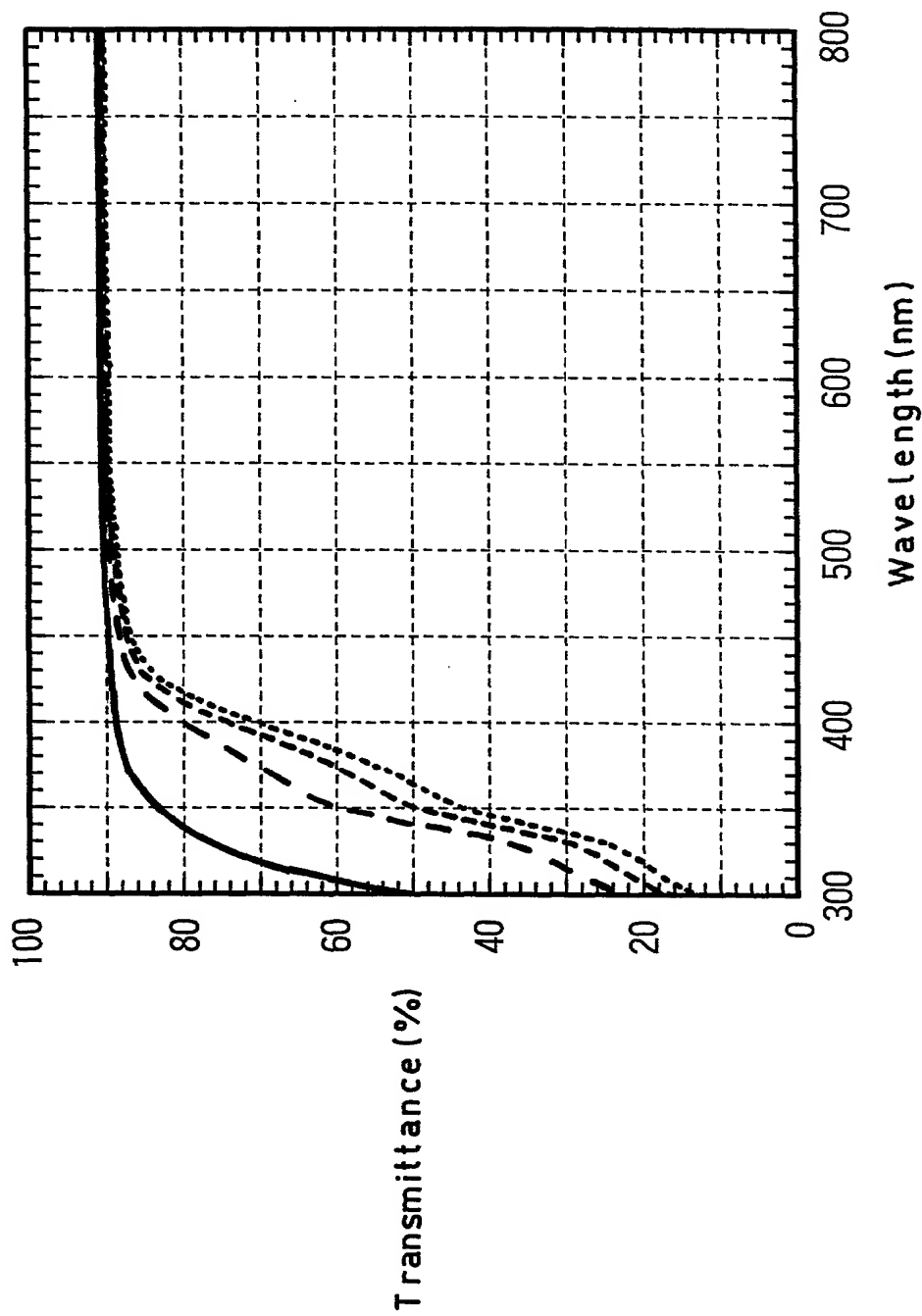


FIG. 34

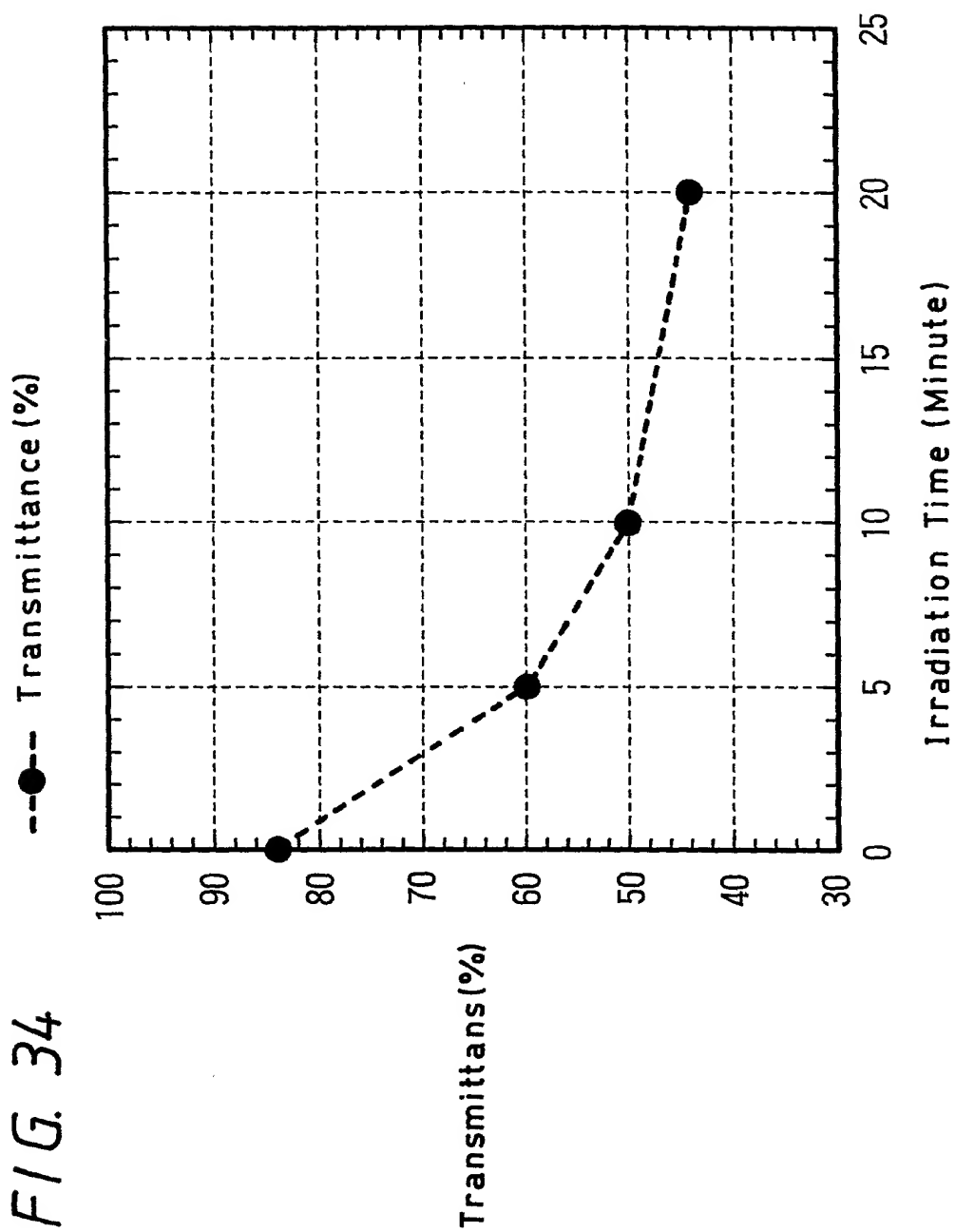


FIG. 35

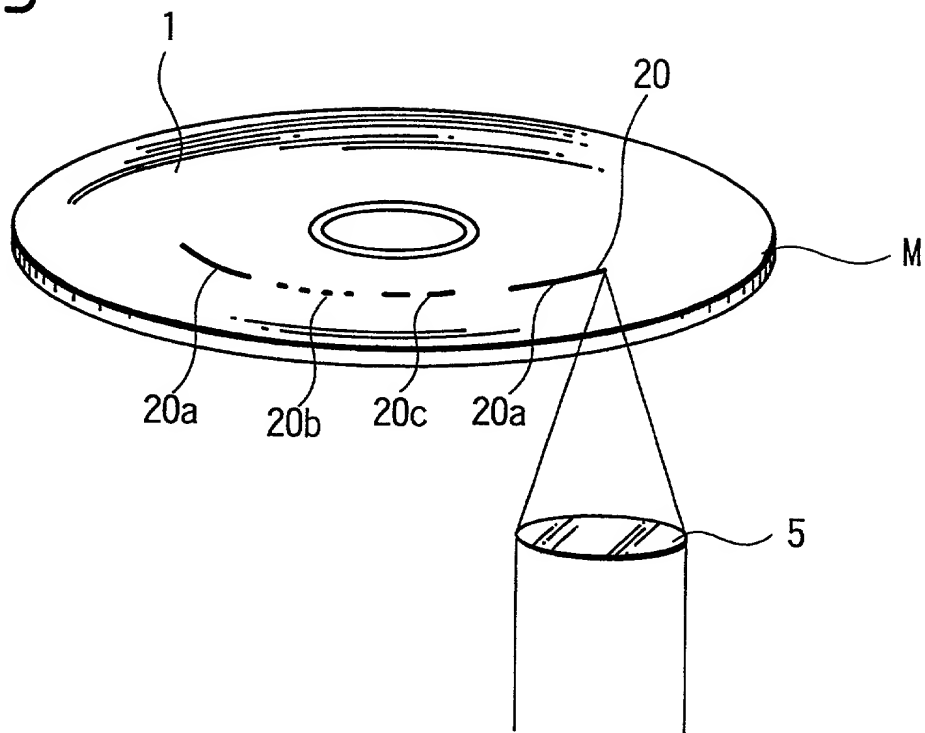


FIG. 39

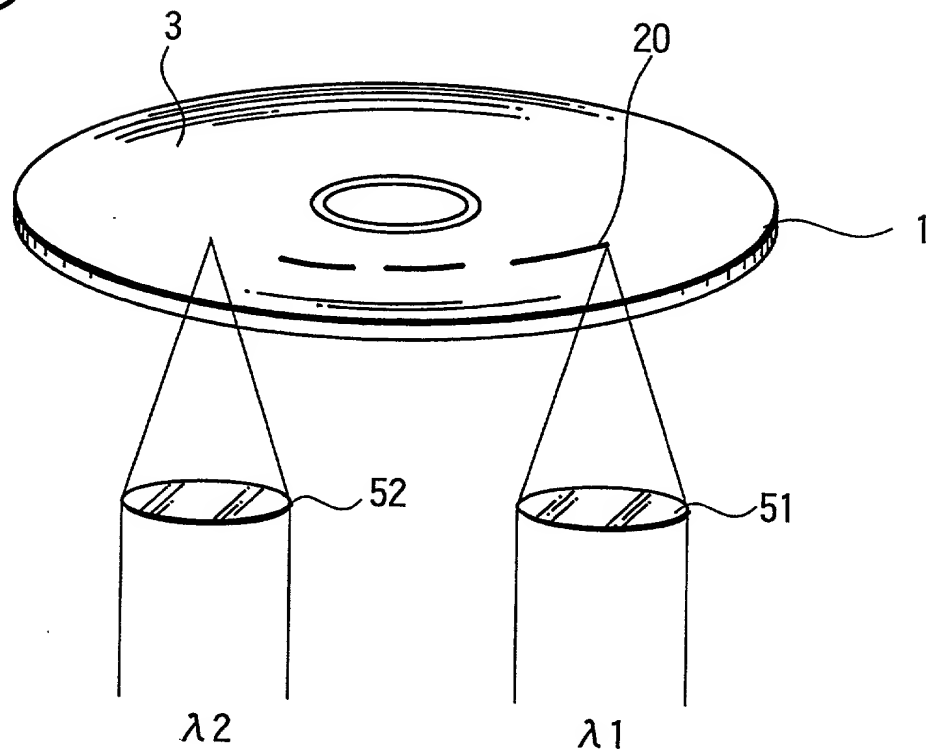


FIG. 36

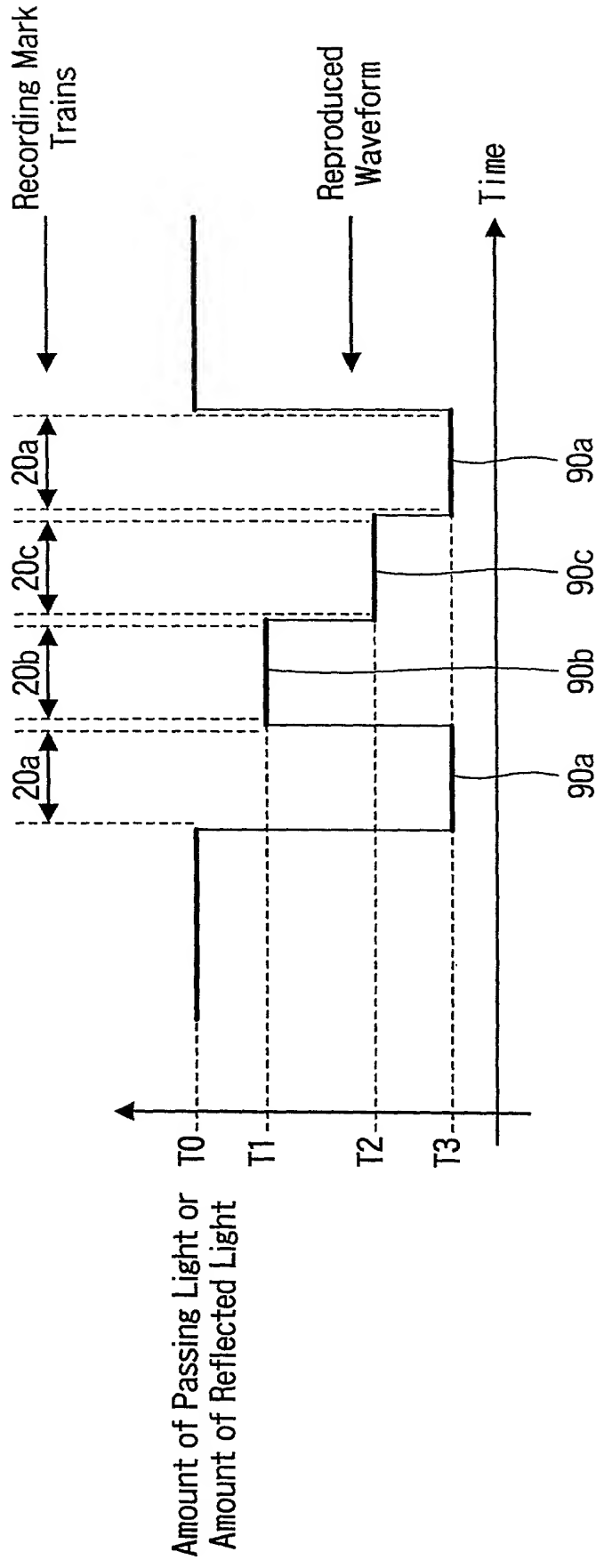


FIG. 37

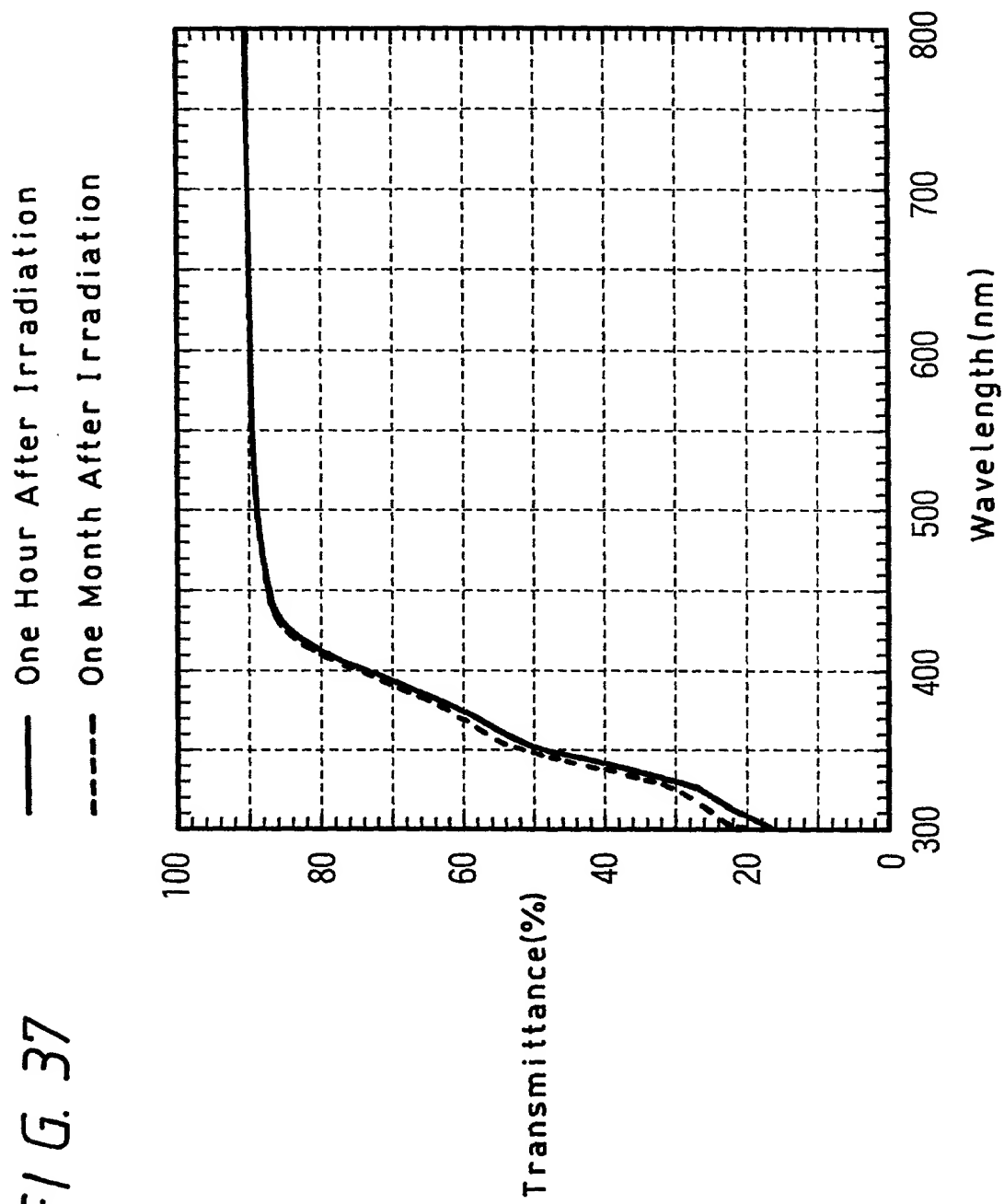


FIG. 38

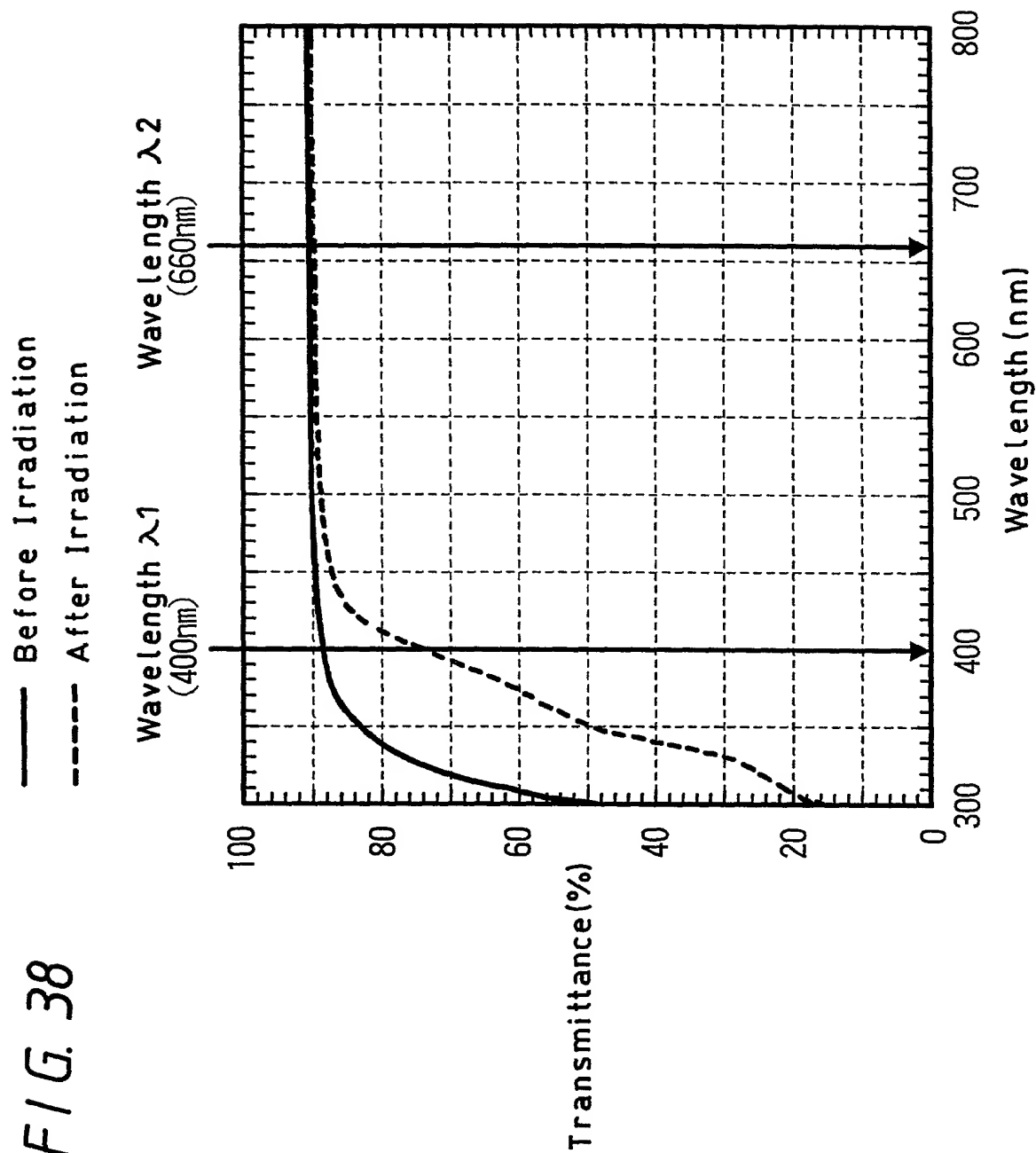
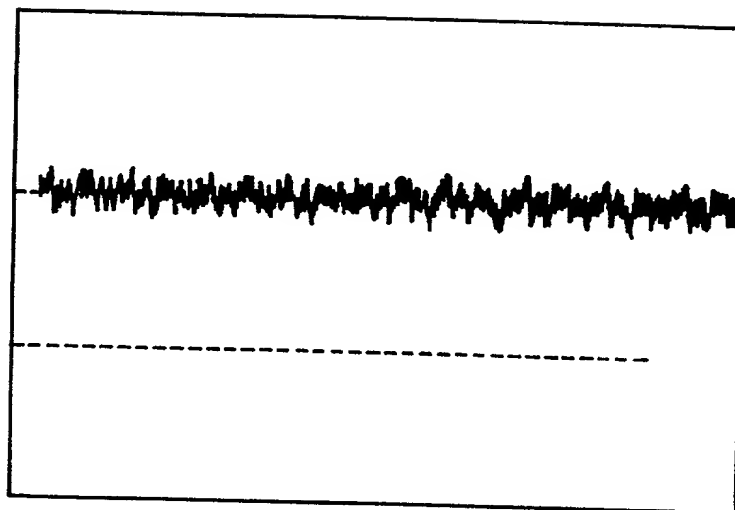


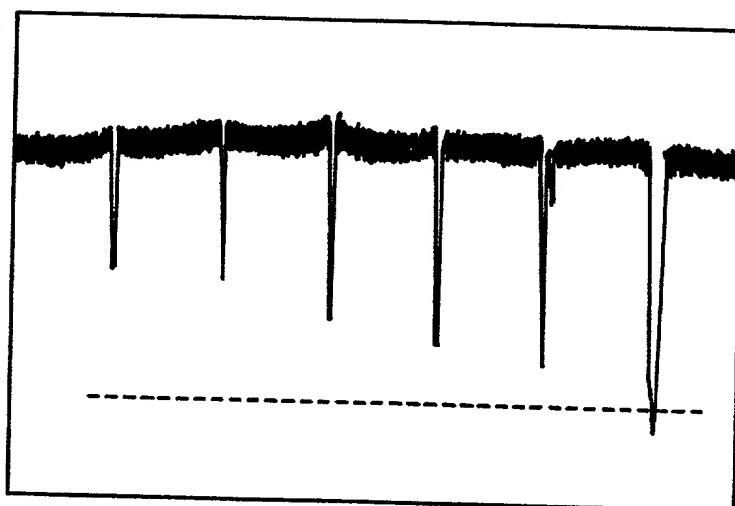
FIG. 40A



Reproducing Apparatus 1

Laser Wavelength: 660nm
NA of Objective Lens: 0.6
Reproducing Power: 1mW
Linear Velocity: 3.46 m/s

FIG. 40B



Reproducing Apparatus 2

Laser Wavelength: 405nm
NA of Objective Lens: 0.6
Reproducing Power: 2mW
Linear Velocity 3.46m/s

FIG. 41A

Amount of Passing Light
or Amount of Reflected
Light of Blue Laser Light

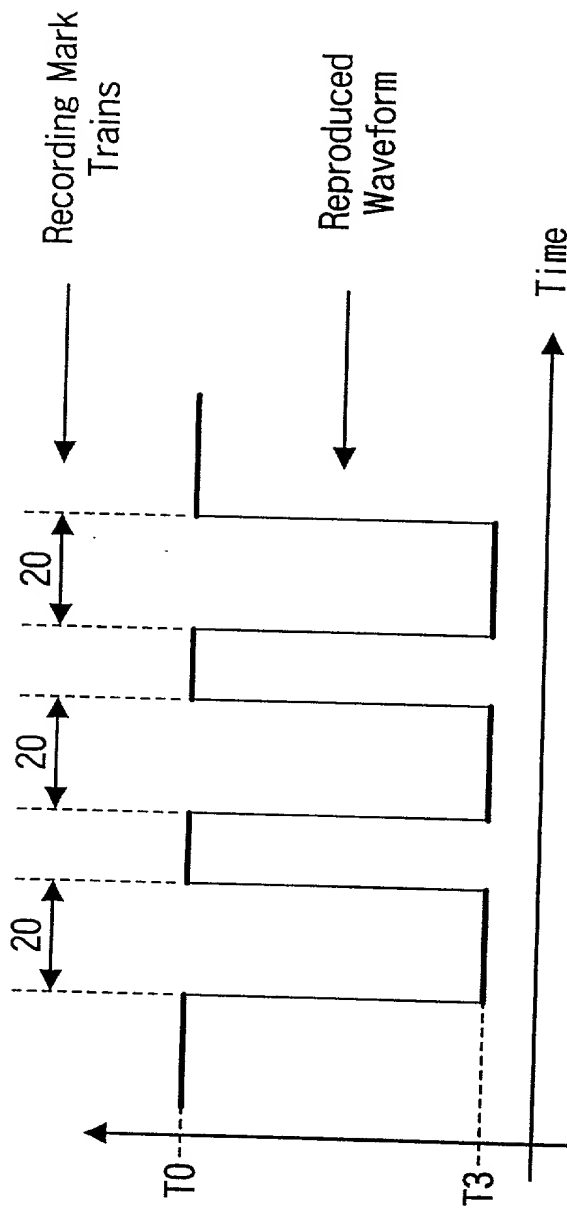
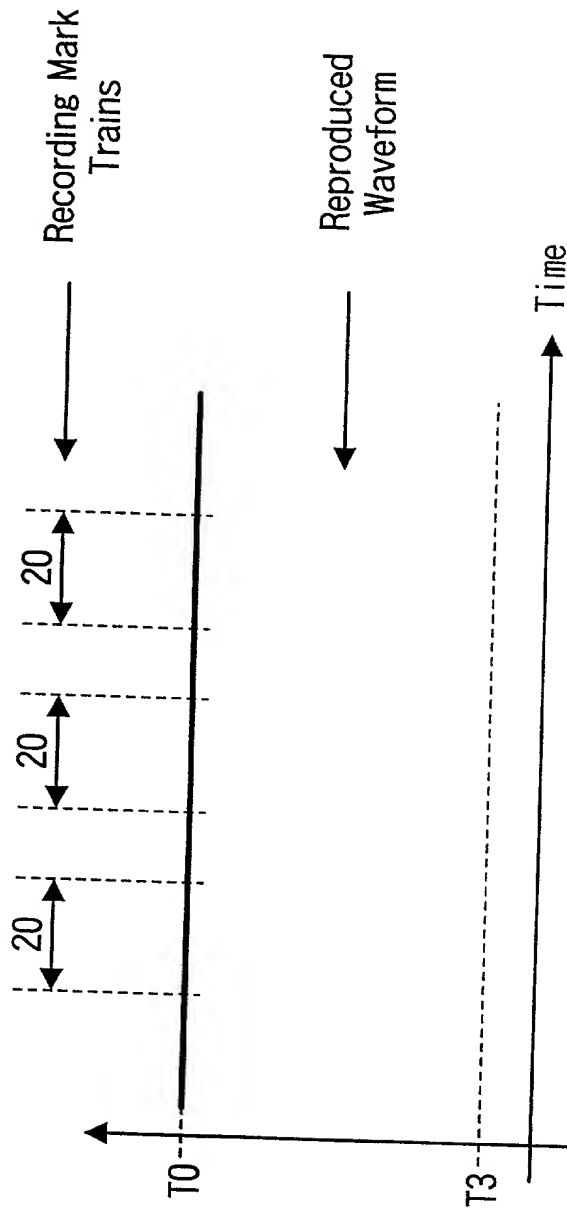


FIG. 41B

Amount of Passing Light
or Amount of Reflected
Light of Red Laser Light



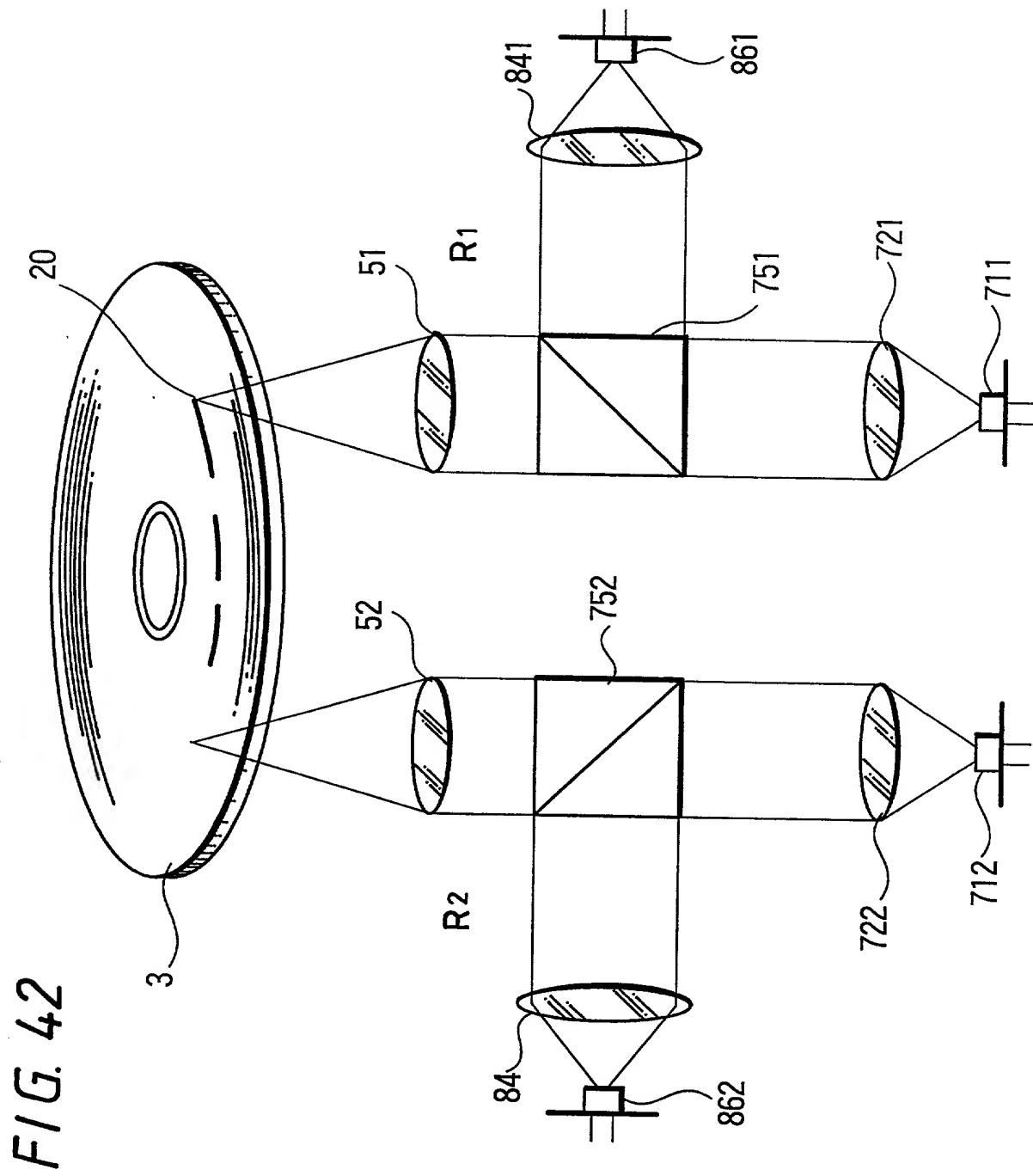


FIG. 43

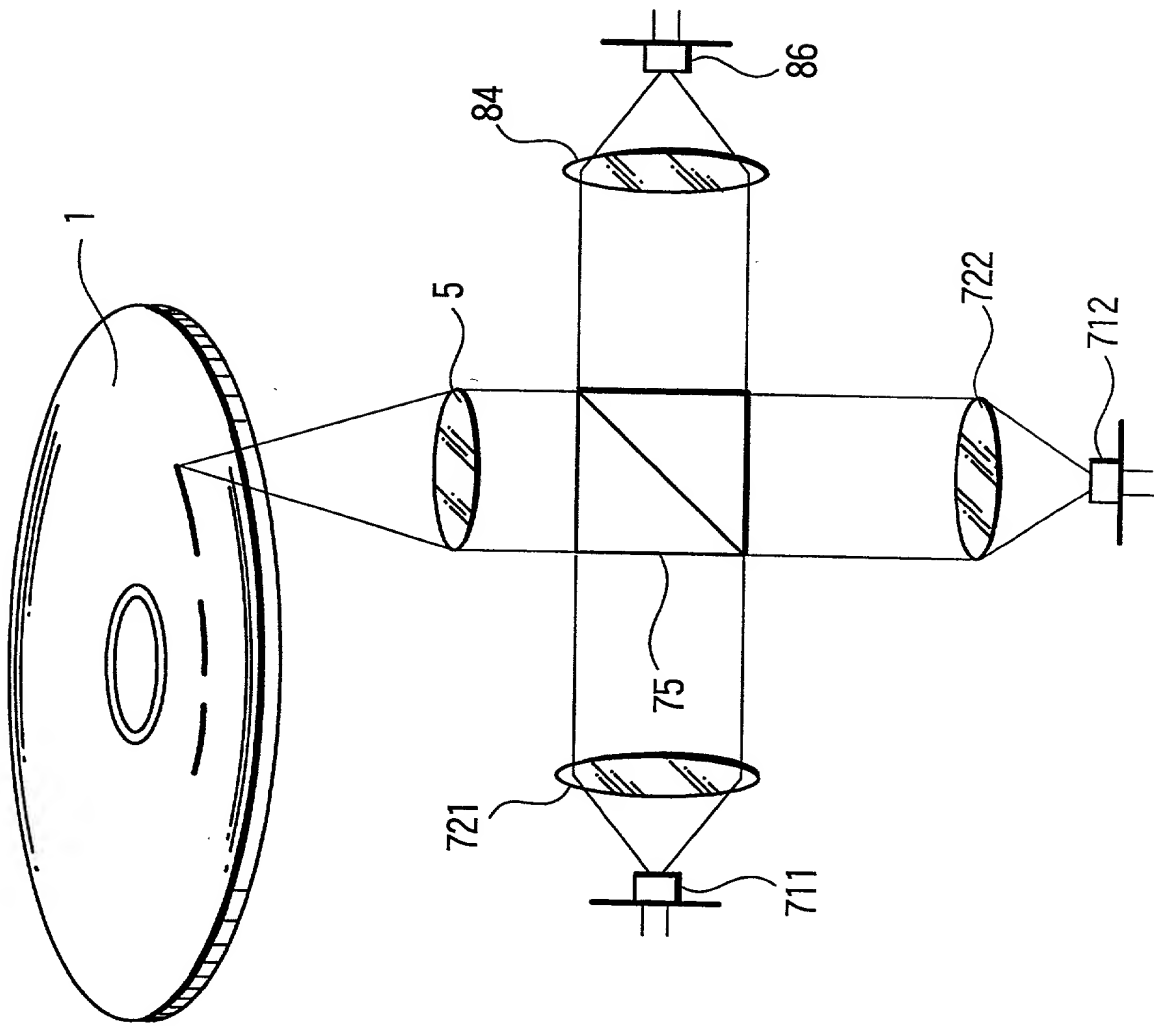


FIG. 44

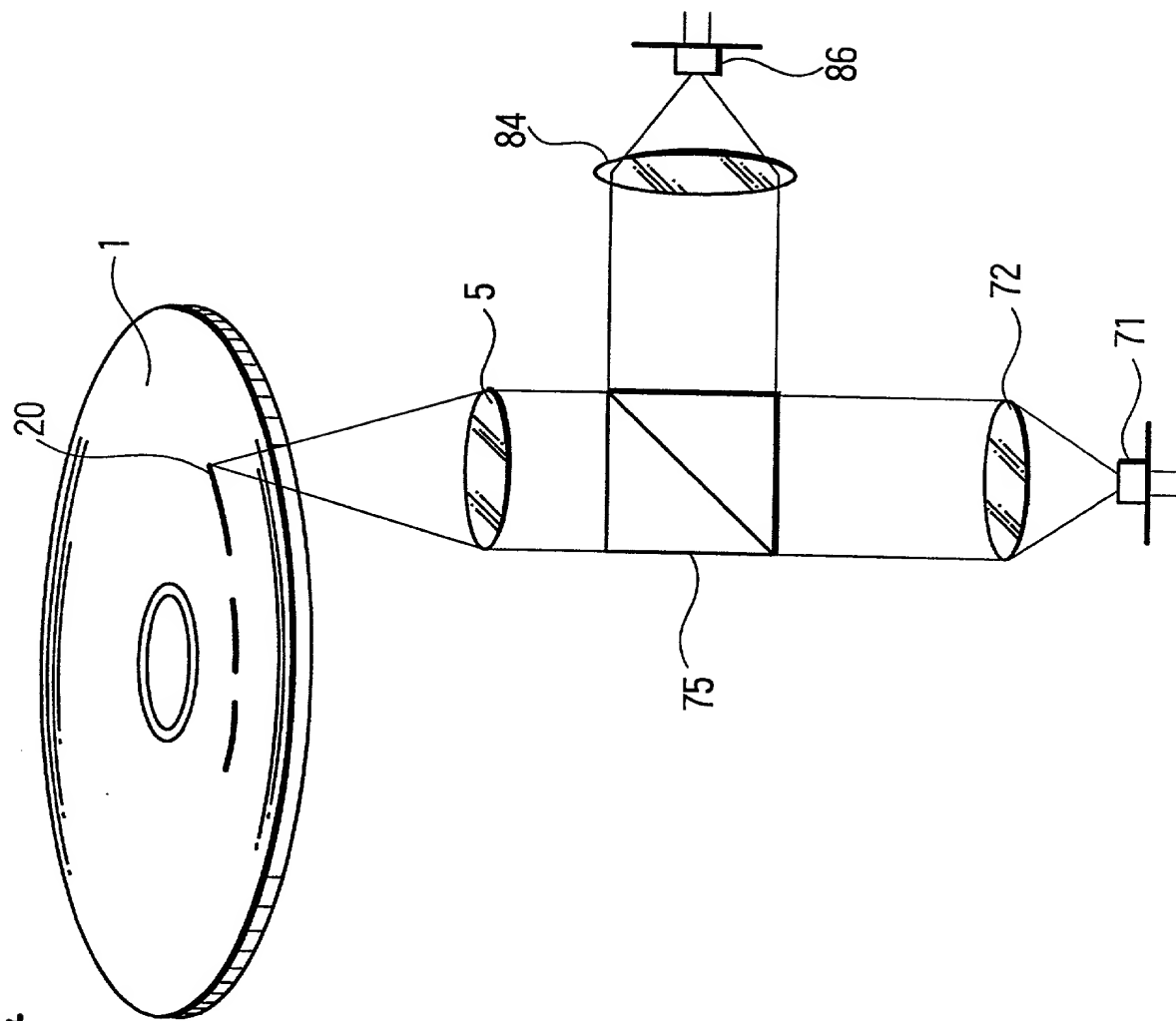


FIG. 45

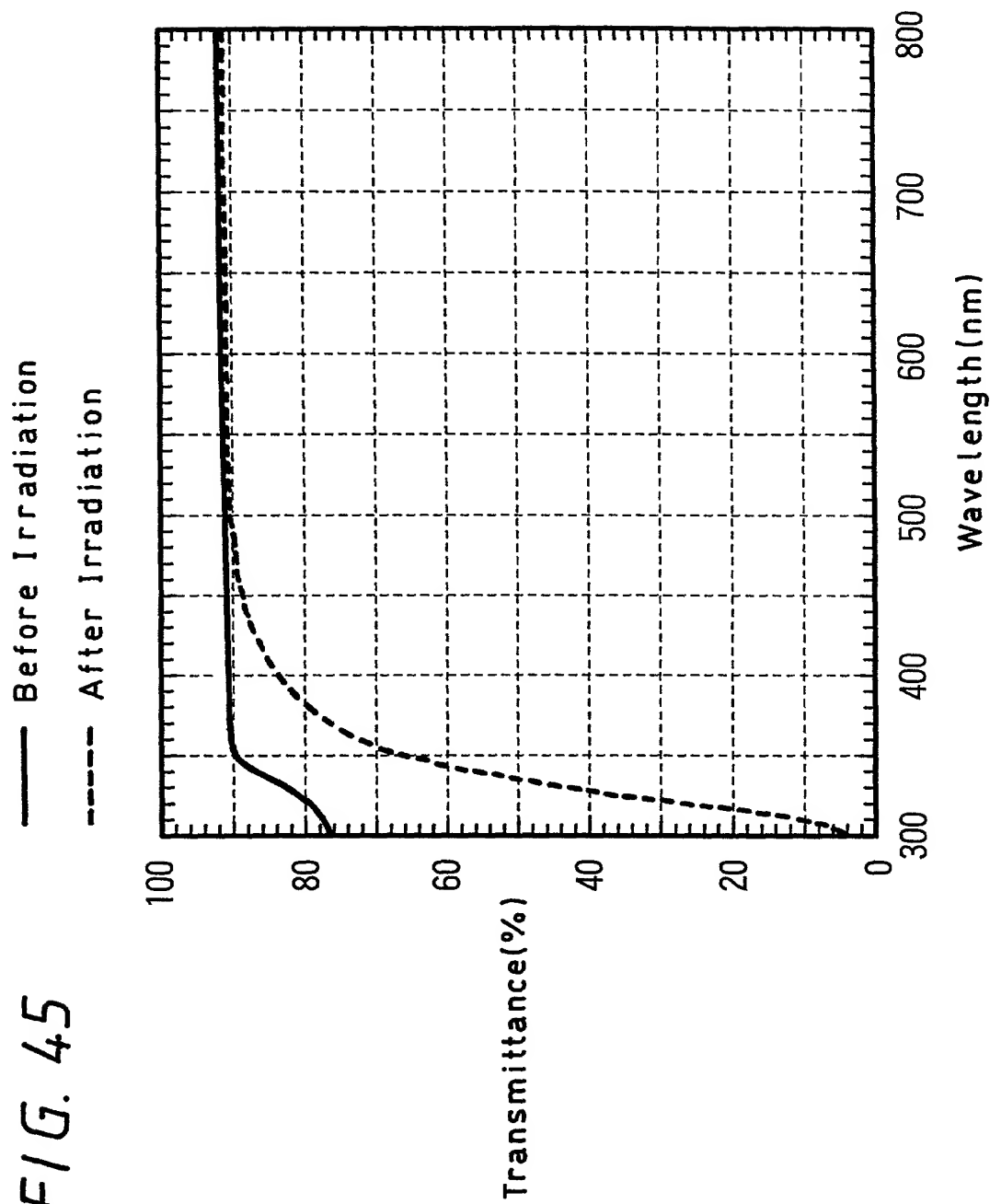


FIG. 46

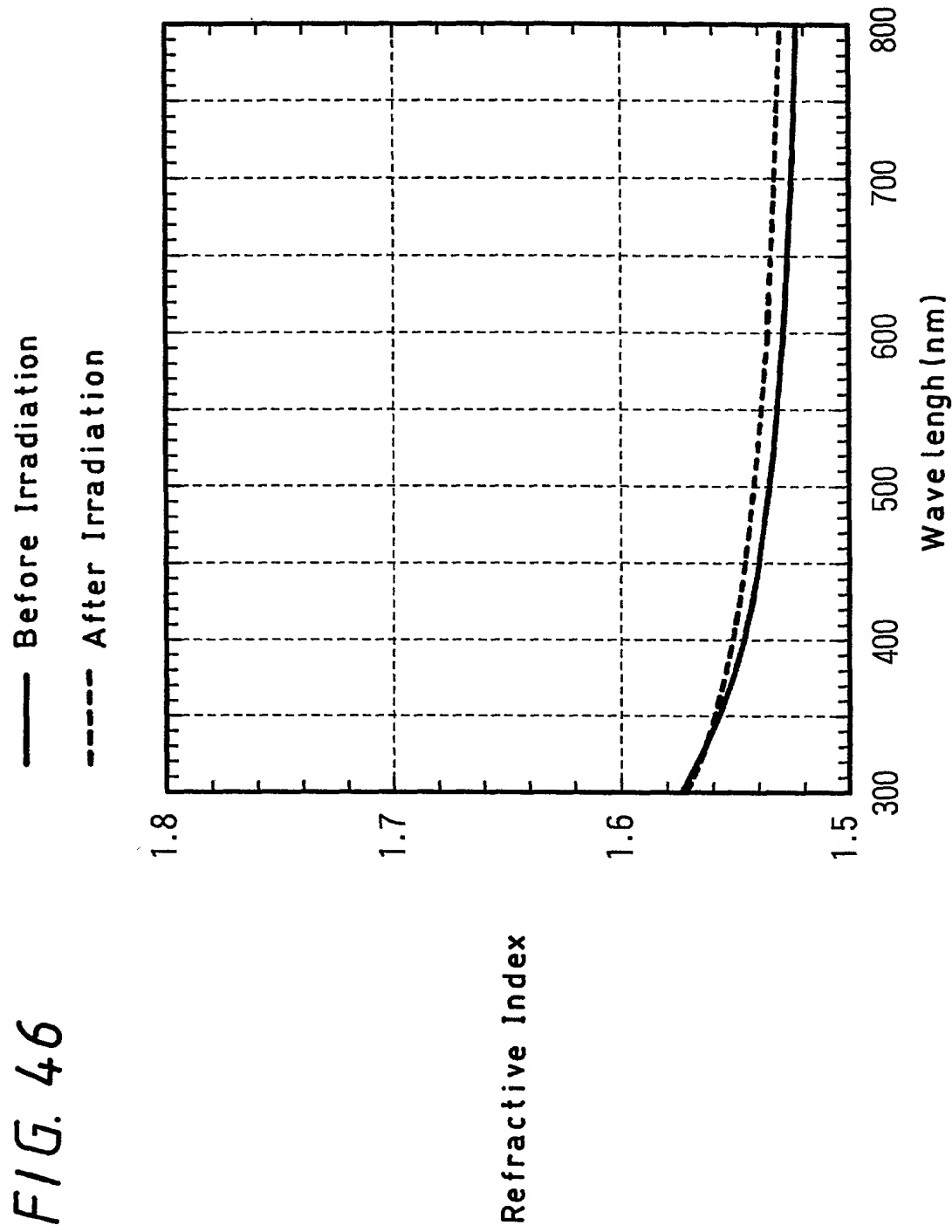


FIG. 47

